PONY

المنهج الجديد

ICT

4th Primary

First Term

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CamScanner

Introduction

We are delighted to introduce our comprehensive educational series "Pony" in ICT. This book is designed to provide an interesting and attractive style that will capture your attention and keep you engaged throughout your learning journey.

We understand that learning can be challenging, which is why we have made every effort to provide clear and concise explanations of the topics covered in this book. In addition, the book includes a large number of comprehensive exercises designed to help reinforce your understanding of the concepts presented.

We have also taken great care to provide explanatory information for some of the more ambiguous points in the subject matter. We understand that some concepts may be difficult to grasp, and we have made every effort to provide clear explanations and examples to help you understand these points.

Overall, we hope that this book will help you develop a strong foundation in ICT and explore its exciting world.

We hope that you find this book informative, engaging, and enjoyable to read.

Author,
Eng. Osama Youssef

متواجدون في كافة محافظات جمهورية مصر العربية

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تابع كل جديد على صفحة الأستاذ - PONY

www.youtube.com/channel/UCCxsZyTU8HkLR3fClsoYD7A

تابعونا على قناتنا التعليمية الخاصة

كل الحقوق محفوظة

لا يجوز أبدًا إعادة إنتاج أي جزء من هذا العمل ولا حفظه بأي صورة من صور الحفظ والتخزين ولا نقله بأي شكل أو أي وسيلة سواء كانت ميكانيكية أو إلكترونية أو نسخًا أو تسجيلًا دون إذن كتابي سابق من الناشر.

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Unit 1

The Role of Technology in Our Lives

Unit Lessons:

Lesson 1 Tools of Scientific Exploration

Lesson 2 Computer Devices and Their Components

Lesson 3 Operating Systems

Lesson 4 Assistive Technology

Lesson 5 Common Technology Problems and Their Solutions

Lesson 6 Sources of Data Collection and Analysis

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Lesson 1

Tools of Scientific Exploration

- Scientists rely on many technological tools in their explorations.
- These tools help them in scanning and detecting buried object under the earth's surface, such as:

1. Metals
2. Antiquities
3. Treasures

- يعتمد المستكشفون على العديد من الأدوات التكنولوجية في استكشافاتهم.
- هذه الأدوات تساعدهم في عمليات المسح والاستكشاف عن الأجسام المدفونة تحت سطح الأرض، مثل:

❶ المعادن. ❷ الآثار. ❸ الكنوز.

Important Exploration

1. Rover C4
2. GPR
3. Magnetometer

1 Rover C4:

- It is developed to detect metals.
- It also a 3D ground scanner.
- It is primary to search for treasures and metals buried under the ground (such as gold).
- It can create 3D images of the scanned area.
- This allows users to identify the locations and depths of potential targets.

أدوات الاسكتشاف المهمة:

❶ Rover C4.

- تم تطويره للكشف عن المعادن.
- يستخدم بشكل أساسي للبحث عن الكنوز والمعادن المدفونة تحت الأرض (مثل: الذهب).
- يمكنه إنشاء صور ثلاثية الأبعاد للمنطقة المسوحة.
- يتيح ذلك للمستخدمين تحديد مواقع الأهداف المحتملة وعمقها.

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② Ground Penetrating Radar (GPR):

- It uses radar to find object buried underground.

الرادار المخترق للأرض (GPR):

- يستخدم الرادار للعثور على الأجسام المدفونة تحت الأرض.

③ Magnetometers:

- They measure the magnetic field.
- They can find metal underground.

أجهزة قياس المغناطيسية:

- قياس المجال المغناطيسي.
- يمكنها العثور على المعادن تحت الأرض.

» You can also use technologies to help you reach the places you want to go.

» These technologies such as:

1 Satellites

2 Global Positioning System (GPS)

- يمكنك أيضًا استخدام التكنولوجيا لمساعدتك في الوصول إلى الأماكن التي ترغب بزيارتها مثل:
  1. الأقمار الصناعية.
  2. نظام تحديد المواقع العالمي (GPS).

NOTES:

» GPS is It is used to find the location of something using satellites.

- يستخدم للعثور على موقع الجسم باستخدام الأقمار الصناعية.

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Test Yourself

Complete the following:

1. ..... is used to find minerals in the ground.
2. If you're going to a restaurant for the first time, you can use ..... to guide you.
3. The ..... enables us to find objects buried underground.
4. ..... is a 3D ground scanner that detect metals under ground.

أهم الكلمات والمصطلحات

Magnetometer مقياس المغناطيسية	3D ground scanner ماسح أرضي ثلاثي الأبعاد
Ground Penetrating Radar (GPR) رادار اختراق الأرض	Explore استكشاف
Magnetic field المجال المغناطيسي	Treasures كنوز
Potential targets الأهداف المحتملة	Gold ذهب
Photographs صور فوتوغرافية	3D image صورة ثلاثية الأبعاد
Location الموقع	Depths العمق
Discover يكتشف / اكتشاف	Under the ground تحت الأرض
buried underground مدفونة تحت الأرض	Satellite قمر صناعي
Tools أدوات	Global Positioning System (GPS) نظام تحديد المواقع العالمي

سلسلة كتب الأستاذ

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Exercises on Lesson 1

1 Choose the correct answer:

1 Exploration tools detect ..... underground.

a. Metals b. Treasures c. Remains d. All of them

2 ..... Is a 3D ground scanner used to detect metals.

a. Gps b. magnetometer

c. Rover C4 d. satellite

3 ..... is used to find the location of objects above ground.

a. GPS b. A magnetometer

c. GPR d. All of them (القاهرة - بدر 2024)

4 📖 ..... is a device that relies on satellites to detect location of things.

a. magnetometer b. ground penetrating radar (GPR)

c. Drones d. global positioning system (GPS)

5 To locate the places that I am interested in visiting, use ..... .

a. passwords b. GPS

c. digital blogs d. browsers (الإسكندرية - إدارة شرق 2024)

6 ..... can discover objects buried underground.

a. GPS b. GPR c. GPA d. Satellites

(الغربية - طنطا ٢٠٢٥ - المنوفية - شبين الكوم 2025)

7 Rover C4 can identify both location and .....

a. Time b. Depth

c. Weather d. Color

8 📖 The Global Positioning System (GPS) relies on ..... to locate places and sites.

a. Radar b. Satellites

c. Drones d. data theft (سوهاج 2025)

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9 Archeologists depends on ..... to search for metals underground.
a. Drones b. satellites c. magnetometer d. GPS
(الإسكندرية المنتزه أول ٢٠٢٥) (الإسماعيلية 2025)

10 The Rover C4 is a ..... scanner.
a. 2D b. 3D c. Audio d. Visual

11 ..... is a device used to detect metal coins buried underground.
a. Satellites b. Gps c. Drones d. Magnetometer

12 Magnetometer depends on ..... to detect things buried underground .
a. Rader b. Satellites
c. Drones d. Measuring the magnetic field

13 The ..... measures a magnetic field.
a. Drones b. magnetometer
c. satellite d. GPS (القليوبية 2025)

2 Put (✓) or (✗):

1 The Rover C4 device used to create 2D image of scanned areas. ( )
2 GPS is used mainly to measure the magnetic field. ( )
3 Satellites are used underground. (حدائق أكتوبر 2025) ( )
4 The magnetometer is used to find the location of something using satellites. (الإسكندرية – إدارة العجمي 2024) ( )
5 Tourists can use GPS to determine locations while traveling. ( )
6 The Earth's penetrating radar is used to detect underground bodies. (الإسكندرية-المنتزه ثانٍ 2025) ( )
7 GPS uses radar to find object buried underground. ( )
8 The taxi driver relies on the GPS device. (المنوفية - قويسنا 2023) ( )
9 The Global Positioning System (GPS) is used to locate things underground. ( )
10 GPR is a device that uses satellites to locate buried object. ( )

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11 Magnetometer is used to determine places via satellites.

( ) (الإسكندرية – المنتزه أول 2025)

12 Ground penetrating radar is used to discover objects buried underground.

( ) (الإسكندرية – المنتزه أول 2024)

13 GPR is a device that uses radar to find any object buried underground.

( ) (الدقهلية - طلخا 2023)

14 A magnetometer is used to measure a magnetic field underground.

( )

15 Archaeologists use a ground penetrating radar to find objects above the ground.

( ) (البحر الأحمر – الغردقة 2023)

16 The Global Positioning System (GPS) relies on Satellites to determine places and locations.

( ) (البحيرة - دمنهور 2025)

17 A magnetometer is used to discover metals underground. ( )

(الإسكندرية –العجمي 2023)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Amagnetometer	a. 3D ground scanner that creates 3D images of the scanned area.
2 GPS	b. enables us to discover minerals underground.
3 GPR	c. helps to find the location of the places you want to visit. (سوهاج2025)
4 Rover C4	d. enables us to discover objects buried underground.

1 ..... 2 ..... 3 ..... 4 .....

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Play with PONY

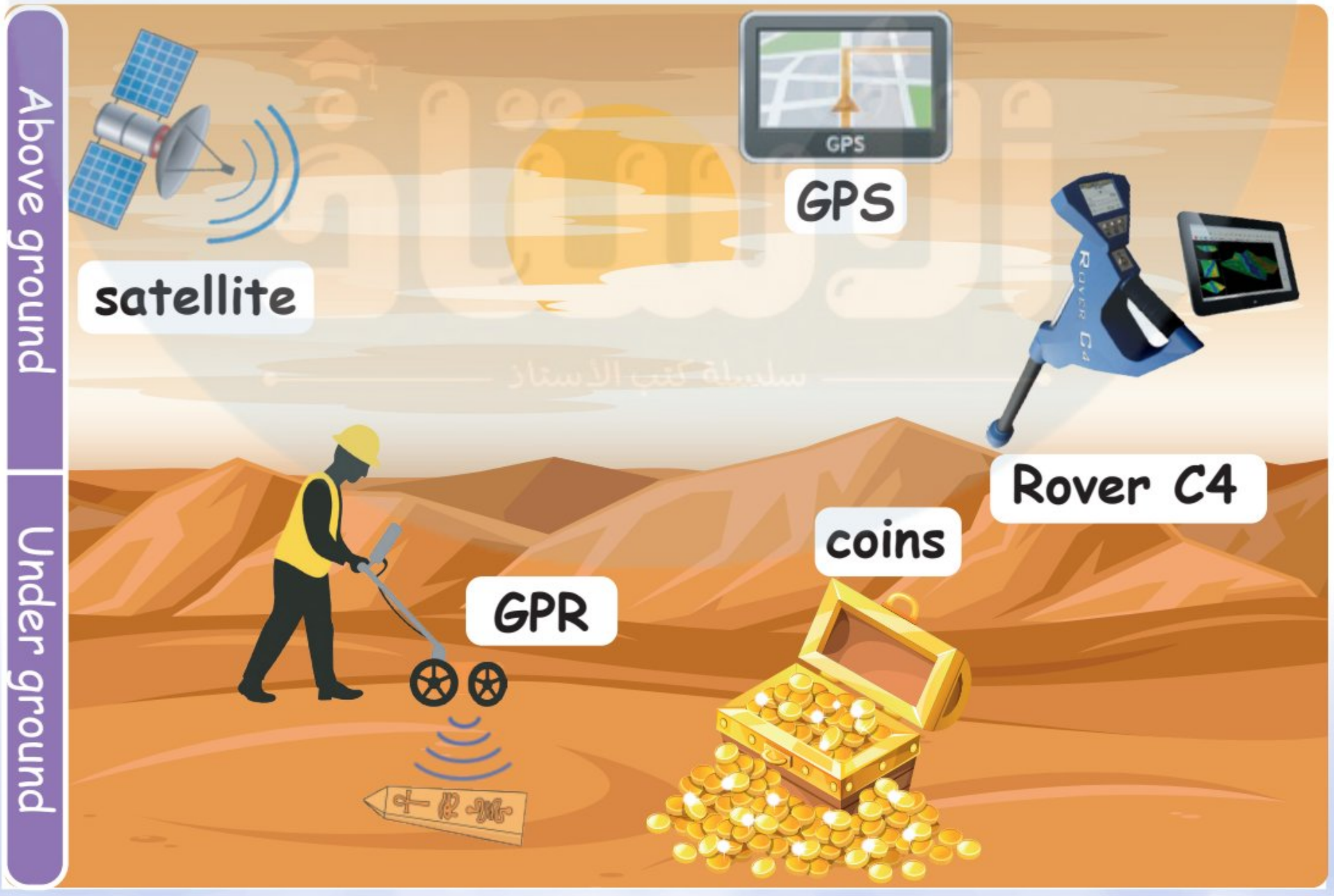
Help the Explorer to fill in the Missing words:

1- ..... Is used to find the location of something using satellites.

2- ..... is a 3D ground scanner that search for treasures and metals under ground.

3- magnetometer can find ..... underground.

4- ..... can discover any objects buried underground.



Lesson 2

Computer Devices and Their Components

The computer

It is an electronic device that stores, processes and restores data.

هو جهاز إلكتروني يقوم بتخزين ومعالجة واسترجاع للبيانات.

The importance of the computer

Computers can be used to do the following:

1. Write documents.
2. Browse the internet.
3. Play electronic games.
4. Create presentations.
5. Create videos.

استخدامات الكمبيوتر:

1. كتابة المستندات.
2. تصفح الإنترنت.
3. ممارسة الألعاب الإلكترونية.
4. إنشاء عروض تقديمية .
5. إنشاء مقاطع الفيديوهات.

NOTES:

Computer devices come in different size and shapes:

أجهزة الحاسب الآلي تأتي بأحجام وأشكال مختلفة.

1. Desktop Computer (PC)

2. Laptop

3. Tablet

4. Touchscreen devices

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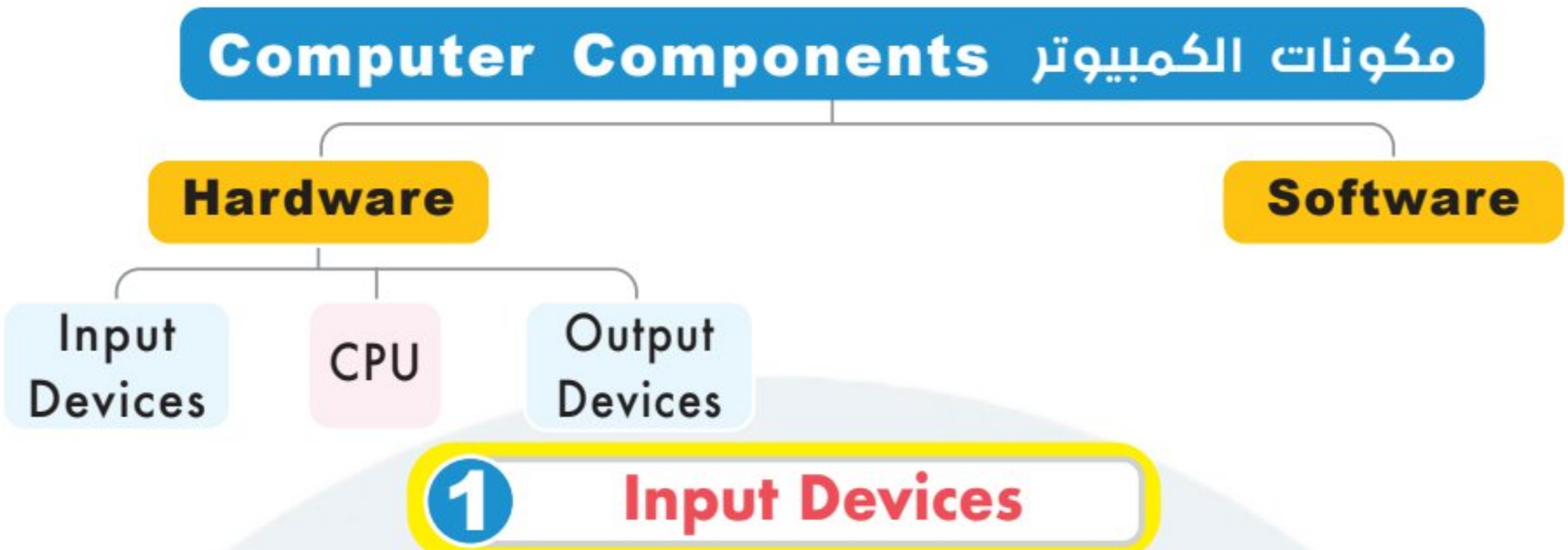
Lesson 2



1 Input Devices

» They are devices that enter data into a computer.

« هي أجهزة تقوم بإدخال البيانات إلي جهاز الكمبيوتر.

Examples of input devices:

Device	Figure	Function
1 Keyboard		• To type letters and numbers into the computer. لإدخال الحروف والأرقام على الكمبيوتر.
2 Mouse		• To select and move things easily. لتحريك واختيار الأشياء بسهولة.
3 Camera		• To input images or videos into the computer. تقوم بإدخال صور أو فيديوهات للكمبيوتر.
4 Microphone		• To input sound, audio, into the computer. يقوم بإدخال صوت إلى الكمبيوتر.
5 Touch screen		• Allow the user to move things on computer. تسمح للمستخدم بتحريك الأشياء على الكمبيوتر.

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2 Output Devices

» They are the devices that **output** information.

« هي أجهزة تقوم بإخراج المعلومات.

Examples of output devices:

Device	Figure	Function
❶ Screen		• Shows what you are doing on computer. تُظْهِر ما تقوم به وتفعله على الكمبيوتر.
❷ Speaker		• To output sound. لإخراج الصوت من الكمبيوتر.
❸ Printer		• To output texts or images from your computer on paper. لإخراج وطباعة النصوص أو الصور من الكمبيوتر على الورق.
❹ Braille terminal		• It allows blind people to use computers. تُتيح للأشخاص المكفوفين استخدام الكمبيوتر.
❺ Speech synthesizer		• It allows non-verbal people to speak. (How?) • It changes text to speech. يساعد الأشخاص الذين يعانون من عدم القدرة على الكلام على التواصل. يقوم هذا الجهاز بتحويل النص المكتوب إلى كلام.

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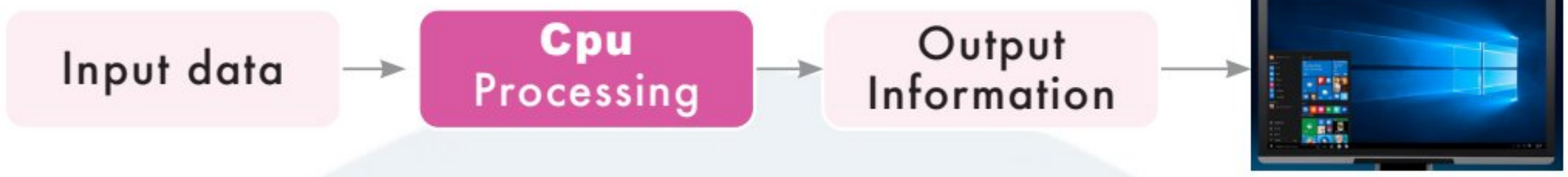
How does a computer work?

» It receives data then process it.
Finally, It displays the results through output devices.



« كيف يعمل الحاسوب؟ يستقبل البيانات ثم يعالجها وأخيرًا، يعرض النتائج من خلال أجهزة الإخراج.

NOTES:

1. Using a computer usually requires:
   - Keyboard.
   - Mouse.
   - Touch screen.
   - Camera.
   - Microphone.
   - Speaker.
2. A touch screen can be used as an input device and an out put device.
3. The most important element of the computer system is you (user)! Why?
   - Because the quality of output depends on the data you entered and how well you know how to use the devices.

ملاحظات:

١ عادة ما يتطلب استخدام الحاسوب وجود:
- لوحة مفاتيح، فأرة، شاشة لمس، كاميرا، ميكروفون، ومكبر صوت.

٢ يمكن استخدام شاشة اللمس كجهاز إدخال وجهاز إخراج في نفس الوقت.

٣ العنصر الأهم في نظام الحاسوب هو أنت (المستخدم)! لماذا؟
- لأن جودة المخرجات تعتمد على البيانات التي قمت بإدخالها، وعلى مدى معرفتك بكيفية استخدام الأجهزة

أهم الكلمات والمصطلحات			
Processing data	معالجة البيانات	Screen	الشاشة
Write documents	كتابة المستندات	Speaker	مكبر الصوت
Browse the internet	تصفح الإنترنت	Output sound	إخراج الصوت
Store	يخزن	Printer	الطابعة
Restore	يستعيد	Braille	طريقة برايل
Manufacturing date	تاريخ التصنيع	Blind people	الأشخاص المكفوفون
Hardware	الأجهزة	Speech synthesizer	مركب الكلام
Software	البرامج	Non-verbal people	الأشخاص غير الناطقين
Input Devices	أجهزة الإدخال	Changes text to speech	يحول النص إلى كلام
Output Device	جهاز الإخراج	Touch screen	شاشة اللمس
Keyboard	لوحة المفاتيح	User	المستخدم
Mouse	الفأرة	Select and move things	تحديد وتحريك الأشياء

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Exercises on Lesson 2

1 Choose the correct answer:

1 The computer is an electronic device that is used for ..... .

a. Browsing the internet
b. writing documents
c. Creating videos
d. all of them

2 Types of computers .....

a. Personal computer
b. Tablet
c. laptop
d. all of them (الإسكندرية - المنتزه أول 2025)

3 keyboard is used to insert ..... to computer.

a. images
b. Letters and numbers
c. sounds
d. videos

4 One of the attached devices that is used during video calls is the ..... .

a. printer b. scanner c. camera d. none of them

(الإسكندرية - المنتزه ثانٍ 2023)

5 ..... is/are devices that are used to enter data into a computer.

a. Input devices
b. Output devices
c. The CPU
d. Screen

6 The component responsible for entering the data into a computer is the .....

a. keyboard b. CPU c. printer d. none of them

(الإسكندرية - المنتزه ثانٍ 2024) (الإسكندرية - إدارة شرق 2024) (كفر الشيخ 2023)

7 ..... terminal is a way to read text for blind people by touching.

a. Earpiece
b. Screen
c. Braille
d. Microphone (الجيزة - العمرانية 2025)

8 ..... is used to input text for the computer.

a. speakers
b. microphone
c. keyboard
d. printer (البحيرة - دمنهور 2025)

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9 The ..... is used to output audios from the computer.

a. speaker b. microphone

c. keyboard d. printer (أبناؤنا في الخارج 2025)

10 ..... are devices that output information from a computer.

a. Input devices b. Output devices

c. The CPU d. The keyboad

11 A ..... is used to print the text and images on paper.

a. Screen b. printer c. scanner d. speaker

(الإسكندرية - المنتزه أول 2025)

12 All the following are from input devices of the computer components, except the ..... .

a. screen b. microphone c. keyboard d. mouse

13 ..... is a device that allows non-speakers to speak.

a. Speech synthesizer b. Keyboard

c. Speaker d. None of them (الإسكندرية - العجمي 2025)

14 Information is considered the processing product of .....

a. data b. digital blogs

c. email d. hardware

(الإسكندرية - المنتزه ثانٍ 2025) (الجيزة - العمرانية 2025)

15 The ..... allows blind people to use computer.

a. speech synthesizer b. printer

c. keyboard d. braille terminal (حدائق أكتوبر 2025)

16 The speech synthesizer is a type of ..... .

a. Input device b. output device

d. printing device d. software (الإسكندرية - المنتزه ثانٍ 2024)

17 The..... enables you to enter sounds into computer.

a. screen b. speaker c. microphone d. mouse

(الغربية - طنطا 2024)

18 To hear others through the internet, you should have a/an ..... .

a. microphone b. speaker c. camera d. printer

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19 The most important element of the computer system is the ..... .

a. mouse b. user c. CPU d. screen

(الجيزة - حدائق أكتوبر 2024)

20 Keyboard is used to insert .....

a. videos b. Images

c. Sounds d. Letters&number (الإسماعيلية 2025)

2 Put (✓) or (✗):

1 The computer is an electronic device for storing and processing data. ( )

(الإسكندرية ـ شرق ٢٠٢٥)

2 Input devices in computers work on processing data. ( )

(الجيزة - العمرانية 2025) (القاهرة - عين شمس 2024)

3 Computers are used to create presentations. ( )

(الإسكندرية - المنتزه أول 2023)

4 Braille terminal is from input devices. ( )

5 Input devices include the keyboard and mouse. ( )

6 Non-verbal people use speech synthesizers to communicate using the computer. ( )

7 A computer first outputs data, then processes it. ( )

8 A printer and speakers are examples of output devices. ( )

9 We use microphones in chat programs to input the sound. ( )

(الجيزة - بولاق الدكرور 2024)

10 Information is the final result we get after processing the data. ( )

(الإسكندرية - المنتزه ثانٍ ٢٠٢٥)

11 All computer devices have the same shape. (السويس 2024) ( )

12 The most important element of the computer system is you. ( )

13 The speech synthesizer is the component responsible for output visual information. ( )

(المنوفية - شبين الكوم 2025)

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3 Complete the following sentences using the words between the brackets:

(screen – speaker – Braille terminal – keyboard – microphone)

1 ..... is a device that allows blind people to use computer. (الإسكندرية- وسط 2025)

2 A ..... enables you to enter the sound into the computer.

3 A ..... enables you to write letters and numbers. (البحيرة 2023)

4 ..... is used to display data, images and videos. (بورسعيد 2025)

5 A ..... is used to output audio data.

4 Cross out the odd word:

1 Keyboard – Printer – Camera – Mouse (.....)

2 Printer – Speaker – Microphone – Screen (.....)

3 Speech synthesizer – Braille terminal – Keyboard (.....)

5 Classify these words into input or output devices:

(Speech synthesizer – Touch screen – Speaker – Camera – Keyboard – Printer)

Input Devices	Output Devices
.....	.....
.....	.....
.....	.....

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Play with PONY

Circle output devices with blue

circle input devices with red

Keyboard

camera

Mouse

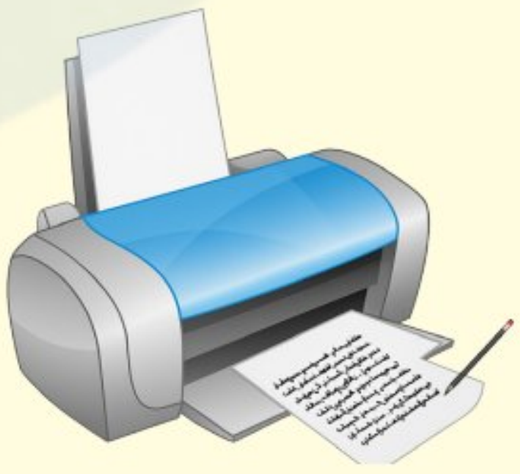
Braille terminal

screen

Speech synthesizer

Microphone

Speakers



Printer

Test Yourself on Lessons 1&2

1 Choose the correct answer:

1 The ..... is used to locate things via satellite.
a. GPR b. magnetometer
c. GPS d. all of them (الجيزة - كرداسة 2024)

2 📖 ..... is a device used to output sounds from computer.
a. Speakers b. Microphone c. keyboard d. printer

3 The ..... is a device that is used to find buried statues underground.
a. GPS b. drone c. GPR d. satellite

4 📖 ..... is a device used to display data, images, and videos.
a. keyboard b. headphones c. screen d. printer

5 📖 ..... is from the input units.
a. Microphone b. speakers c. display screen d. printer

6 The ..... is used to detect old coins underground. (حدائق أكتوبر 2025)
a. magnetometer b. drone c. GPS d. none of them

7 📖 ..... is a device that helps non-speakers to use the computer.
a. Speech synthesizer b. Microphone
c. speaker d. printer

2 Put (✓) or (✗):

1 GPS is used to find places you want to visit. (قنا 2025) ( )
2 The speech synthesizer is an input device. ( )
3 To discover objects buried underground, we use GPR. ( )
4 The quality of a computer's output depends on the data you input. ( )
5 The Magnetometer is used to detect coins underground. (البحيرة - دمنهور 2025) ( )
6 The computer is device that can store, process, and retrieve data. ( )
7 The Rover C4 device can only detect gold underground. ( )
8 GPR uses satellites to find objects buried underground. ( )

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Lesson 3 Operating Systems

» We use computers for many things, such as:

1. Playing games.
2. Writing notes.
3. Browsing the Internet.
4. Writing school reports.

» But how does all that happen?

نحن نستخدم أجهزة الكمبيوتر في أشياء كثيرة مثل: لعب الألعاب، كتابة الملاحظات، وتصفح الإنترنت وكتابة تقارير للمدرسة ولكن، كيف يحدث ذلك؟

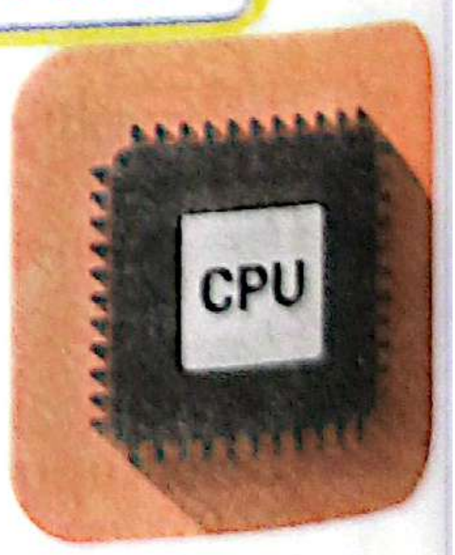
- If you want to write a school report, you first open a program such as Microsoft word.
- This type of program is called software.
- The operation system, like Windows, opens and runs the program you want to use (Microsoft Word).
- This is what you see happening on your screen.

- إذا أردت كتابة تقرير مدرسي، فإنك أولًا تفتح برنامجًا مثل (Microsoft Word)، وهذا النوع من البرامج يسمى البرمجيات (software).
- يقوم نظام التشغيل مثل (Windows) بفتح وتشغيل البرنامج الذي تريد استخدامه وهذا ما تراه يحدث على شاشة الكمبيوتر.

Relationship Between OS and Hardware

» In the background:

- The operation system communicates with the CPU (Central Processing Unit).
- The CPU is part of the hardware.
- The CPU processes data, and follows the instructions given by the operating system.



Example :

- When you type on the keyboard, the operating system tells the CPU to display what you wrote on the screen.
- The CPU processes your input and displays it on the screen.

العلاقة بين نظام تشغيل (OS) وأجهزة (Hardware):

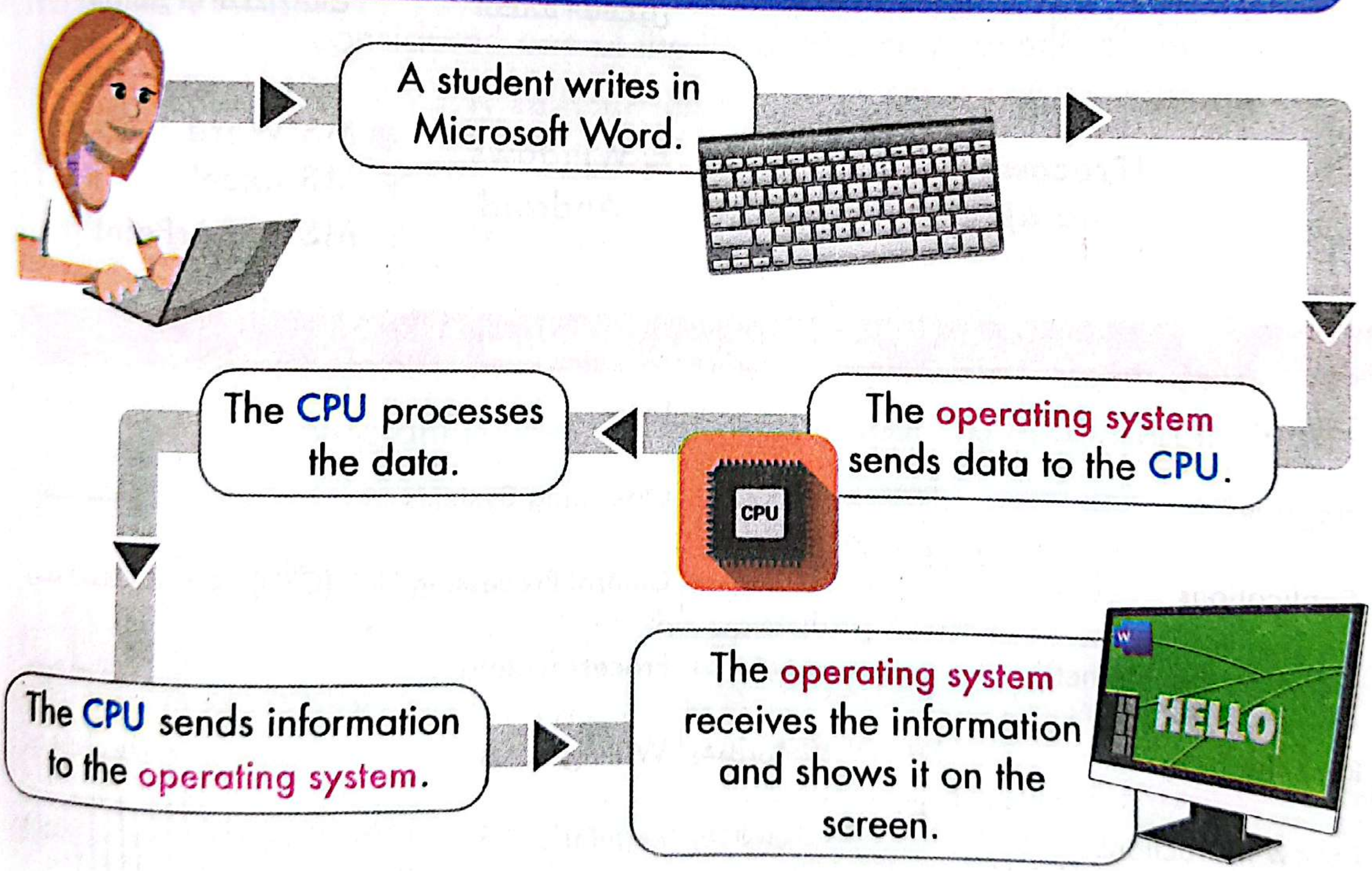
في الخلفية:

- يتواصل نظام التشغيل مع وحدة المعالجة المركزية (CPU)، والـ CPU جزء مهم من الأجهزة (Hardware).
- يقوم الـ CPU بمعالجة البيانات وتنفيذ التعليمات التي يعطيها له نظام التشغيل.

على سبيل المثال:

- عندما تكتب على لوحة المفاتيح، يقوم نظام التشغيل بإخبار الـ CPU بعرض ما تكتبه على الشاشة.
- يقوم الـ CPU بمعالجة ما كتبته وبعرضه على الشاشة.

The diagram below shows how data is processed in Microsoft Word:



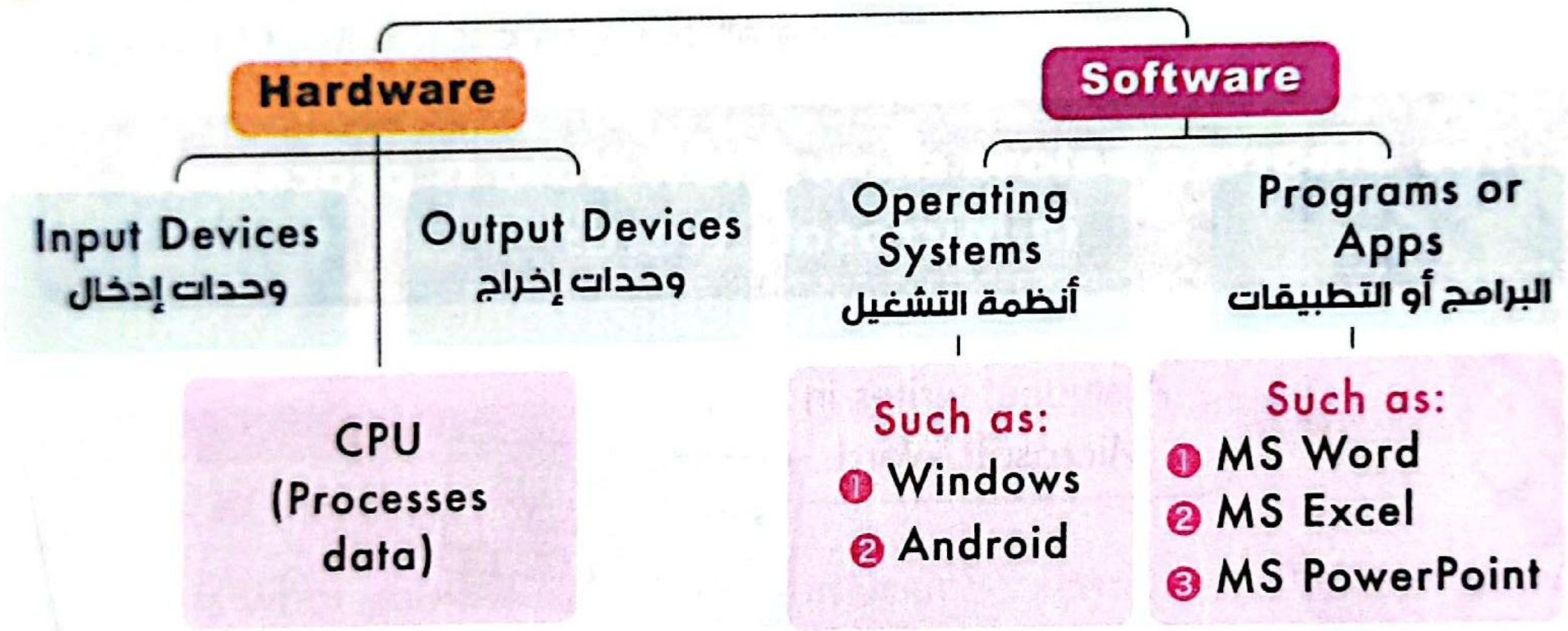
NOTES:

- If there is a problem in a program before the operating system sends the instructions to the CPU, you might lose all your unsaved work.
- Therefore, it is important to save your work regularly.

ملاحظات:

- إذا حدثت مشكلة في أحد البرامج قبل أن يرسل نظام التشغيل التعليمات إلى الـ CPU، فقد تفقد كل عملك غير المحفوظ.
- لذلك من المهم أن تقوم بحفظ عملك باستمرار.

- Finally, we can summarize what we learned as:



أهم الكلمات والمصطلحات

Software	البرمجيات	Lose	يفقد
Programs	البرامج	Operating Systems	أنظمة التشغيل
Applications	التطبيقات	Central Processing Unit (CPU)	وحدة المعالجة المركزية
Browsing the Internet	تصفح الإنترنت	Processes data	يعالج البيانات
Runs the program	يشغل برنامجًا	Writing notes	كتابة الملاحظات
Follow instructions	ينفذ التعليمات	Regularly	بانتظام

Exercises on Lesson 3

1 Choose the correct answer:

1 ..... is considered one of the necessary software to run the computer.

a. Google Chrome
b. An operating system
c. Microsoft Word
d. MS PowerPoint (أبناؤنا في الخارج 2025)

2 ..... program is considered an operating system software.

a. Google
b. CPU
c. Windows
d. Word

(الشرقية - هيا 2023)

3 The ..... is responsible for processing data.

a. mouse
b. operating system
c. keyboard
d. CPU (الإسكندرية – العجمي 2025)

4 ..... is considered one of the hardware components of a computer

a. PowerPoint
b. A browser
c. The CPU
d. Windows

(الإسكندرية – المنتزه أول 2023)

5 Windows is a type of ..... .

a. hardware
b. operating system
c. data
d. none of them (الغربية - طنطا 2025)

6 ..... program is used to write and format text and insert images.

a. Google Chrome
b. MS Word
c. Windows
d. MS PowerPoint

7 ..... receives data from the operating system.

a. A keyboard
b. The CPU
c. A screen
d. MS Word

8 The program that is used to write school reports is .....

a. screen magnification
b. Word
c. speech synthesizer
d. Excel (الإسكندرية - المنتزه ثاني 2025)

9 📖 ..... is considered one of the components responsible for controlling and processing data.

a. A keyboard
b. The CPU
c. The operating system
d. MS Word

10 The operating system sends input data to the ..... to process it.

a. keyboard
b. CPU
c. printer
d. speaker

(المنوفية - شبين الكوم 2025)

2 Put (✓) or (✗):

1 The CPU is a type of software. ( )

(القليوبية 2025)(الجيزة - العمرانية 2025)(الإسكندرية - المنتزه أول 2025)

2 Microsoft Word is an example of an operating system. ( )

3 Windows is one of the most famous computer operating systems. ( )

(حدائق أكتوبر 2025) (الجيزة - بولاق الدكرور 2024)

4 Microsoft Word is a type of software. (بنده دمنهور 2024) ( )

5 The operating system is considered software, while the CPU is considered a hardware component. ( )

6 The operating system is not necessary to deal with the computer. ( )

(الجيزة - العمرانية 2025) (القاهرة - عين شمس 2024) (الشرقية - هيا 2023)

7 An operating system helps to open and run programs. ( )

8 Saving your work regularly is not important because the OS keeps everything safe. ( )

9 The hardware refers to the programs that run on a computer. ( )

10 The CPU sends information to the operating system to be displayed on the screen. ( )

11 When you work on a computer, you should save your work regularly. ( )

12 The data entry process is the last stage of accessing information. ( )

(الإسكندرية - المنتزه أول 2025)

13 The screen helps in processing data. ( )

(الأزهر - منطقة القاهرة 2024) (كفر الشيخ 2023) (الإسكندرية - إدارة شرق 2024)

14 The operating system sends data to the CPU. ( )

(الإسكندرية - المنتزه أول 2025)

3 Complete the following sentences using the words between the brackets:

(data – CPU – Word – Windows)

1 ..... is considered one of the operating systems software.

(الإسكندرية - إدارة وسط 2025)

2 The Central Processing Unit (CPU) processes ..... . (البحيرة - دمنهور 2025)

3 ..... is used to write and format texts. (سوهاج 2025)

4 The ..... is a type of hardware.

4 Complete the following diagram using the words below:

(Data – Output Device – Input Device – CPU – Information)

Lesson 4

Assistive Technology

- We all use technology in our daily lives to help us.
- There is also a special type of technology called Assistive Technology.

Assistive Technology التكنولوجيا المساعدة

It is a special kind of technology that helps people of determination with tasks that they find difficult to do.

نوع خاص من التكنولوجيا يساعد أصحاب الهِمَم في المهام التي يجدون صعوبة في القيام بها.

Examples of Assistive Technology

1 Screen magnification software برمجيات تكبير الشاشة

- This software enlarges everything on a computer screen, such as words and images.
- It allows people with poor vision (visually impaired) to interact with computers.

- تُكَبِّر كل شيء على شاشة الكمبيوتر مثل النصوص والصور.
- تسمح للأشخاص ضعاف البصر بالتفاعل مع الكمبيوتر.

2 Hearing aids سماعات الأذن الطبية

- Hearing aids help people who have trouble hearing.
- Modern hearing aids can be connected to mobile devices and come with apps that allow users to adjust their hearing aids using their phones.

- تساعد الأشخاص الذين يعانون من مشاكل في السمع.
- بعض الأجهزة الحديثة يمكن توصيلها بالهاتف المحمول، ويأتي معها تطبيقات تتيح للمستخدم التحكم بها من خلال الهاتف المحمول.

3 Alternate communication software برمجيات التواصل البديلة

» This software helps people with speech and language disabilities communicate with others.

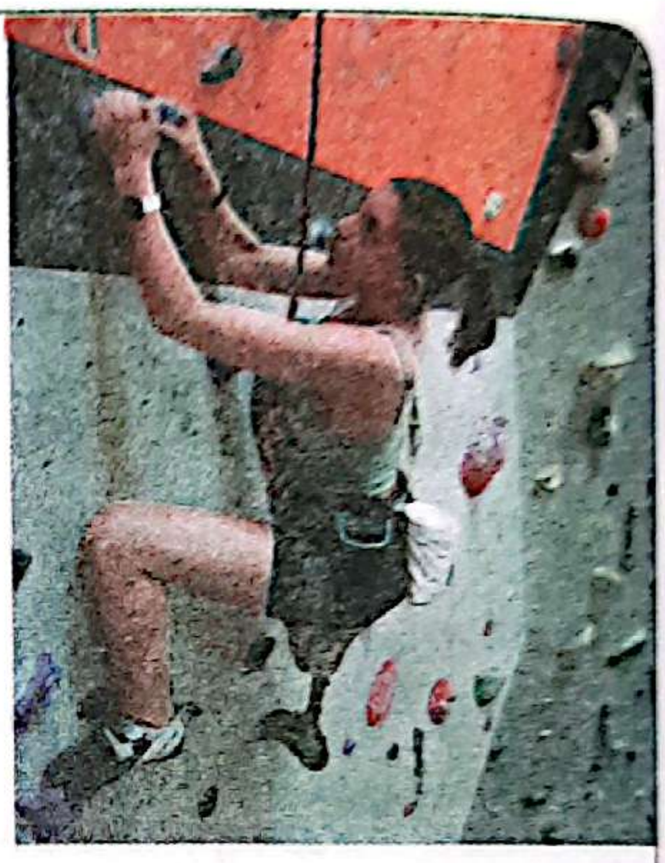
Example :

» Computer programs that can turn text into speech and speech into text.

« تساعد الذين يعانون من إعاقة في النطق أو اللغة على التواصل مع الآخرين.

« **مثال:** يمكن لبعض برامج الكمبيوتر تحويل نص مكتوب إلى كلام، والعكس.

4 Sporting tools الأدوات الرياضية



Such as: Paraclimbing tools:

» They allow climbers with limb differences to climb mountains.

» So, assistive technology can help with ordinary and extraordinary activities!

• أدوات التسلق: تتيح للمتسلقين - الذين فقدوا أحد أطرافهم - تسلق الجبال؛ وبالتالي يمكن للتكنولوجيا المُساعِدة أن تساعد في القيام بالأنشطة العادية والاستثنائية.

أهم الكلمات والمصطلحات

People of determination ذوي الهِمَم	Assistive technology التكنولوجيا المساعدة
Hearing aids أجهزة السمع	Tasks مهام
Poor vision ضعف البصر	Limb difference اختلاف في الأطراف
Visually impaired الأشخاص ضعاف البصر	Screen magnification software برنامج تكبير الشاشة
Speech and language disabilities إعاقات في النطق واللغة	Screen enlargement تكبير الشاشة
Turn text into speech تحويل النص إلى كلام	Paraclimbing tools أدوات تسلق الجبال لذوي الهِمَم
Support دعم - مساعدة	Alternate communication software برامج التواصل البديلة

CamScanner

Exercises on Lesson 4

1 Choose the correct answer:

1 ..... helps people of determination in their daily life.

a. A keyboard b. A screen c. Assistive technology d. A mouse

(الجيزة - العمرانية 2025)

2 📖 ..... help(s) visually impaired people interact with the computer screen and enlarge (zoom) it.

a. Hearing aids
b. Screen enlargement (zoom) software
c. Sport tools
d. Communication tools

3 People who have trouble hearing can use ..... .

a. hearing aids
b. screen zoom
c. sporting tools
d. none of them

(البحيرة - أبو حمص 2024) (القاهرة - بدر 2024) (بندر دمنهور 2024) (الإسكندرية - إدارة شرق 2023)

4 The assistive technology is a type of technology that helps people with ..... .

a. mental problems
b. physical injuries
c. disabilities
d. both a and b

5 ..... is/are software that is used to assist the visually impaired.

a. Earphones
b. Screen enlargement
c. Alternative communication software
d. Running blades

(بورسعيد - إدارة شمال 2023)

6 📖 ..... help(s) people with trouble hearing.

a. Hearing aids
b. A keyboard
c. A printer
d. Screen enlargement (zoom) software

7 The ..... software helps people with poor vision. (أبناؤنا في الخارج 2025)

a. keyboard
b. mouse
c. screen magnification
d. sporting tools

8 Alternative communication software helps people with ..... disabilities. (البحيرة – إيناي البارود 2023)

a. speech b. movement c. seeing d. vision

9 ..... enlarge(s) everything on the computer screen from words to images.

a. Screen magnification b. Hearing aids

c. Sporting tools d. Alternate communication

(الإسكندرية – المنتزه 2025)

10 ..... allow climbers with limb differences to climb mountains.

a. Running blades b. Paraclimbing tools

c. Hearing aids d. Both a and b

11 ..... help(s) people with speech and language disabilities communicate with others. (المنوفية - شبين الكوم 2025)

a. Screen magnification software b. Hearing aids

c. Alternative communication software d. None of them

12 The screen magnification software enables .....

a. showing information b. hearing information

c. printing information d. all of them

(القاهرة - عين شمس 2024) (الإسكندرية - المنتزه أول 2024) (الدقهلية - طلخا 2023)

2 Put (✓) or (✗):

1 📖 Assistive technology allows people of determination to do their tasks. ( ) (الشرقية - 2022)

2 Assistive technology enables people of determination to explore places around the world. ( ) (البحيرة - دمنهور 2025)

3 Some programs can change text to speech and vice versa. ( )

4 The magnification software is an assistive technology. ( )

(العيزة - حدائق أكتوبر 2024) (سوهاج 2023)

5 Modern hearing aids can be connected to mobile devices. ( )

6 📖 The screen enlargement (magnification) software allows people with trouble hearing to interact with the computer. ( ) (السويس 2024)

7 The alternative communication software helps people with poor vision.

( ) (الإسكندرية - العجمي 2025)

8 The screen magnification software helps people with visual difficulties.

( ) (الإسكندرية-المنتزه ثانٍ 2025)

9 Assistive technology enables people of determination to do their work.

( ) (سوهاج 2025)

10 Hearing aids help people with poor vision (visually impaired).( )

11 Hearing aids are devices that help people who have speech problems.

( ) (الإسكندرية-العجمي 2025)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
People of determination	Can use
1 People with hearing disabilities	a. Screen magnification software
2 A visually impaired person	b. Paraclimbing tools
3 A person with language disability	c. Alternative communication software
4 A person with a limb difference	d. Medical hearing aids

1 ..... 2 ..... 3 ..... 4 .....

Test Yourself on Lessons 3&4

1 Choose the correct answer:

1 You can use the computer to ..... (الجيزة - بولاق الدكرور 2025)
a. play games b. make videos c. write notes d. all of them

2 You can use ..... program to write school homework.
a. PowerPoint b. Word c. Excel d. Paint

(الجيزة - العمرانية 2025)

3 ..... is an example of an operating system.
a. MS Word b. CPU c. Windows d. Excel

4 The central processing unit (CPU) process ..... .
a. a keyboard b. data c. a screen d. a mouse

5 Windows and Microsoft Word are types of .....
a. software b. hardware c. both of them d. none of them

6 Modern hearing aids come with ..... to adjust the volume.
a. gifts b. robots c. apps d. none of them

7 The ..... is responsible for sending data to the processing stage to obtain the results. (أسيوط 2024)
a. operating system b. CPU c. software d. screen

2 Put (✓) or (✗):

1 People of determination use assistive technology in their daily lives. ( )

2 Text-to-speech software converts spoken words into written text. ( )

3 Data entry is the last stage of access the final information. ( )

(الإسكندرية - المنتزه ثانٍ 2025)

4 Hearing aids help people with poor vision. (الإسماعيلية 2025) ( )

5 The screen enlargement software helps deaf people. ( )

6 Microsoft Word is a type of software. (بنى سويف - ناصر 2024) ( )

7 The CPU is used to process information and convert it into data. ( )

8 Modern hearing aids can be connected to smartphones. ( )

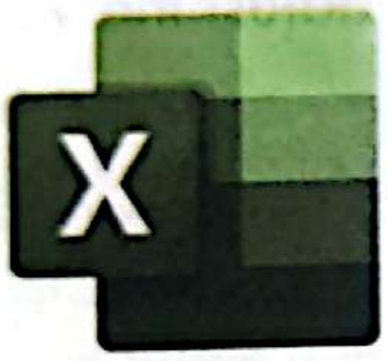
Lesson 5 Common Technological Problems and Their Solutions

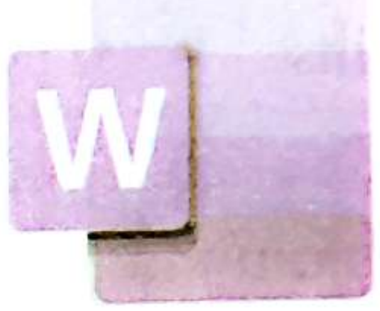
There are some office programs you can use to collect and analyze data and express it graphically. For example:

1. MS Word: It is used to write reports and homework.
2. MS Excel: It is used to analyze data and create tables and graphs.
3. MS PowerPoint: It is used to create presentations.

يوجد بعض برامج المكتب التي يمكنك استخدامها لجمع البيانات وتحليلها والتعبير عنها بشكل رسومي. على سبيل المثال:

1. MS Word: يستخدم لكتابة التقارير والواجبات.
2. MS Excel: يستخدم لتحليل البيانات، وإنشاء الجداول والرسوم البيانية.
3. MS PowerPoint: يستخدم لإنشاء العروض التقديمية.



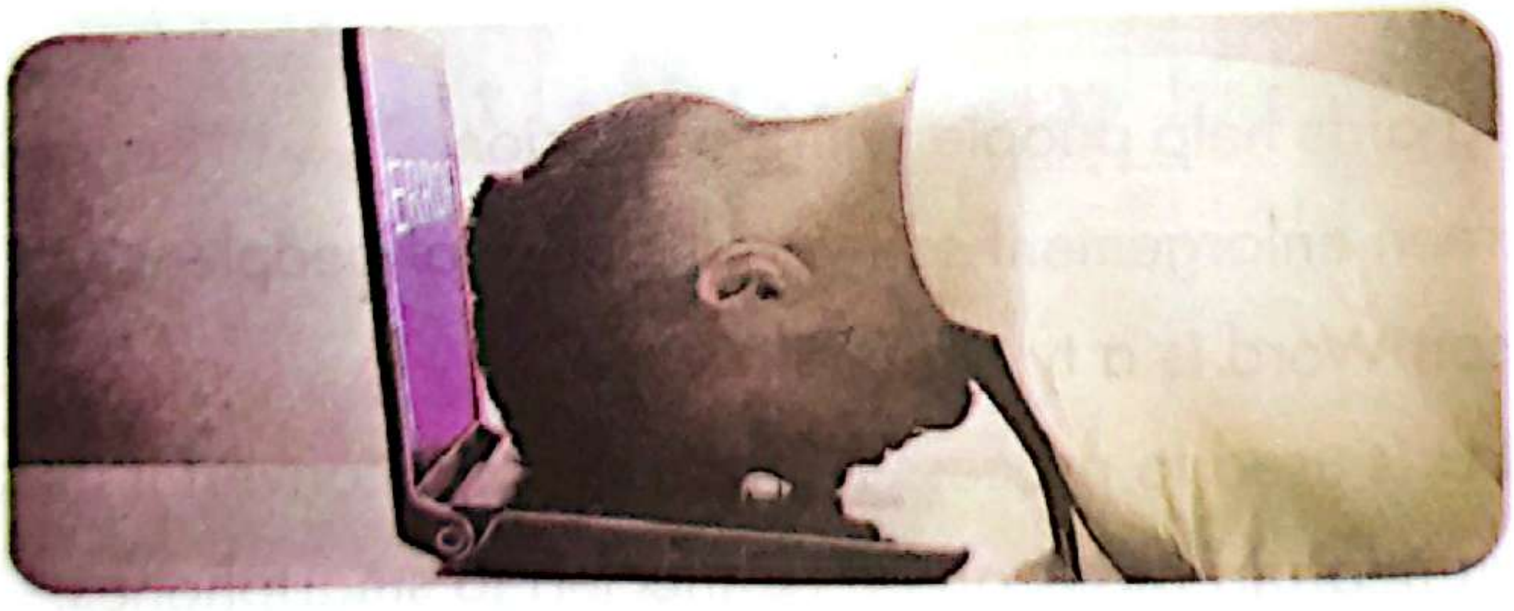


However, while using electronic devices, they may have a temporary breakdown or failure that prevents you from using them.

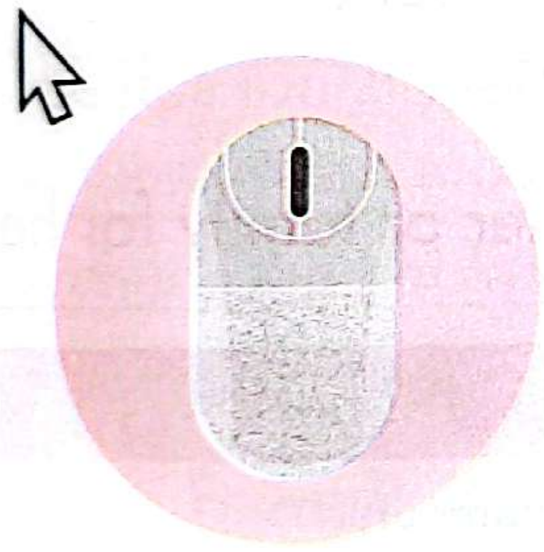
Here are some common computer problems you may face and their possible solutions.

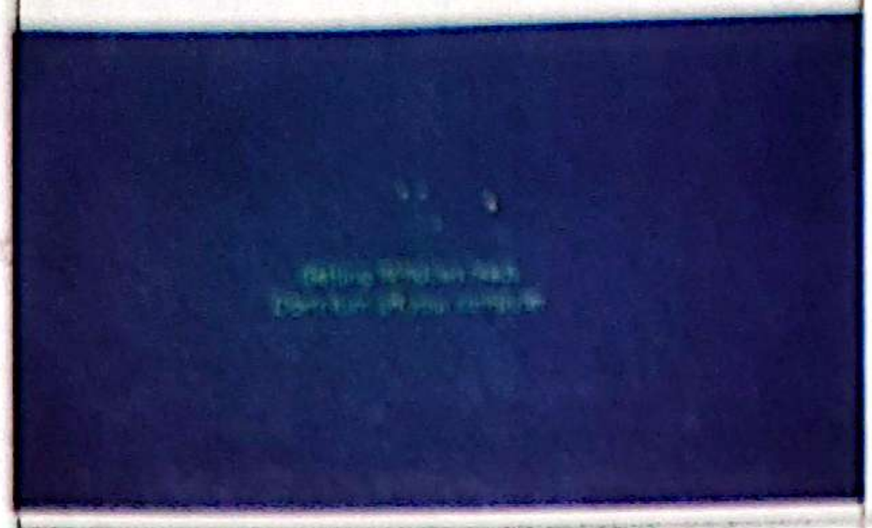
ومع ذلك، أثناء استخدام الأجهزة الإلكترونية، قد يحدث لها عطل مؤقت أو خلل يمنعك من استخدامها.

فيما يلي بعض مشاكل الكمبيوتر الشائعة التي قد تواجهها مع الحلول الممكنة لها.



Common ICT Problems and Solutions

Problem	Possible Solution (for a Windows PC)
❶ An app won't open. التطبيق لا يفتح 	1. Restart your computer. ↓ If the problem is not solved, 2. check for a software update. ↓ If the problem is not solved, 3. uninstall and reinstall the app. ↓ If the problem is not solved, 4. ask your teacher or family for help.
❷ The mouse cursor isn't working. مؤشر الفأرة لا يعمل. 	1. Make sure that you connected the mouse cable to the correct place in the motherboard, then restart your PC. ↓ If the problem is not solved, 2. replace the mouse with a new one. ↓ If the problem is not solved, 3. ask your teacher or family for help.
❸ The keyboard isn't typing. لوحة المفاتيح لا تعمل.	1. Make sure that you connected the keyboard cable to the correct place in the motherboard, then restart your PC. ↓ If the problem is not solved, 2. replace the keyboard with a new one. ↓ If the problem is not solved, 3. ask your teacher or family for help.

Problem	Possible Solution (for a Windows PC)
4 Your screen freezes. الشاشة تجمدت. 	1. Press and hold the "Ctrl + Alt and Del" buttons together. ↓ If the problem is not solved, 2. restart your computer. ↓ If the problem is not solved, 3. ask your teacher or family for help.
5 You can't find a file. لا يمكنك العثور على الملف. 	1. Check your Downloads folder. • If you're looking for a Microsoft Word file, look in your Documents folder. • If you're looking for a photo, look in your Pictures folder. Or 2. Try doing a search using the Search Box next to the Start button. ↓ If the problem is not solved, 3. ask your teacher or family for help.

أهم الكلمات والمصطلحات

Common	شائعة	Restart your computer	أعد تشغيل جهاز الكمبيوتر
Possible solutions	الحلول المحتملة	Software update	تحديث البرمجيات
Writing	كتابة	Uninstall	إلغاء التثبيت
Reports	تقارير	Reinstall the app	إعادة تثبيت التطبيق
Temporary	مؤقت	Mouse cursor	مؤشر الفأرة
Breakdown or failure	عطل أو فشل	Replace the mouse	استبدل الفأرة
Prevent	يمنع	Motherboard	اللوحة الأم
Keyboard isn't typing	لوحة المفاتيح لا تكتب	Downloads folder	مجلد التنزيلات
Replace the keyboard	استبدل لوحة المفاتيح	Documents folder	مجلد المستندات
Your screen freezes	الشاشة تتجمد	Search box	صندوق البحث
An app won't open	تطبيق لا يفتح	Press and hold	اضغط واستمر في الضغط

Exercises on Lesson 5

1 Choose the correct answer:

1 ..... is a program used to create presentations.

a. MS Word b. MS Excel c. MS Paint d. MS PowerPoint

2 Most technological problems can be solved by .....

a. pressing the Del + Alt + Ctrl buttons b. checking the connection

c. restarting the device d. replacing the keyboard

3 📖 One of the suggested solutions for the problem of not being able to write using a keyboard is ..... .

a. making sure the printer is connected

b. connecting headphone

c. changing the mouse

d. making sure the keyboard cable is connected (المنوفية - شبين الكوم 2025)

4 When an application won't open, you should ..... .

a. remove the mouse b. replace the keyboard

c. check the cables d. restart the computer (القاهرة - بدر 2024)

5 You can use ..... to write school reports and homework.

a. MS PowerPoint b. MS Word

c. MS Excel d. a browser

6 Press and hold the "Ctrl + Alt + Del" buttons when ..... .

a. you can't find a file b. the screen freezes

c. an app can't open d. none of them

(القليوبية 2025) (حدائق أكتوبر 2025) (الأزهر - منطقة القاهرة 2024)

7 If an app can't be opened, all the following are possible solutions, except ..... .

a. updating the app b. reinstalling the application

c. restarting the computer d. checking the Search Box

8 You can look for a Microsoft Word file inside the ..... folder.

a. Documents b. Pictures c. Games d. Music

(أبناؤنا في الخارج 2024)

9 If you can't find a picture, search in the ..... folder. (الإسكندرية - المنتزه أول 2025)

a. Documents b. Pictures c. Videos d. Downloads

10 You can solve the problem when the screen stops displaying information by pressing ..... together. (كفر الشيخ 2024) (بني سويف 2023)

a. Ctrl + Alt + Del b. Alt + Shift

c. Alt + F8 d. F10 + Del

11 If you want to find a file in your PC, you should ..... .

a. restart the device b. press on Del + Alt + Tab

c. use the Search Box d. data theft (الإسكندرية - المنتزه ثانٍ 2025)

12 One of the possible solutions to fix the problem of an application that doesn't open is ..... . (أبناؤنا في الخارج 2025)

a. updating the application b. using the Search Box

c. replacing the keyboard d. replacing the mouse

13 If you downloaded a file from the Internet to your PC, you can find it in the ..... folder.

a. Downloads b. Pictures

c. Documents d. Music

14 It is preferable to ..... after repairing or reinstalling the mouse to the device.

a. connect the power charger to the device

b. check electrical connections

c. restart the device d. data theft (الإسكندرية - المنتزه ثانٍ 2025)

15 When you are unable to solve a problem on your computer, you must ..... .

a. delete some files b. leave your computer for a while

c. ask your teacher or a family member for help

d. none of them

2 Put (✓) or (✗):

1 Updating programs is one suggested solution when an application cannot open. ( )

2 If you can't find a file, you should restart your computer. ( )

(الإسكندرية - إدارة العجمي 2024) (الإسكندرية - إدارة شرق 2024)

3 If the screen freezes, press and hold "Ctrl, Alt, and Home". ( )

(الإسكندرية - إدارة وسط 2025)

4 Using the Search Box helps you find any file on your PC. ( )

(حدائق أكتوبر 2025)

5 If an app on your laptop doesn't open, try reinstalling it. ( )

6 If your computer has a problem, first ask your teacher for help. ( )

7 If you are looking for a Word file, look in the Documents folder. ( )

(القاهرة - بدر 2024)

8 To solve the problem of a mouse not working, a new mouse should be bought. ( )

(الغردقة 2025) (المنوفية - شبين الكوم 2025)

9 If the app still won't open, restart your computer and try again. ( )

(كفر الشيخ 2023)

10 To solve the problem of the screen not displaying information, press Ctrl + Alt + Del together for a short time. ( )

11 Restarting the device helps to solve most problems. ( )

(الإسكندرية - المنتزه أول 2025)

3 Complete the following sentences using the words between the brackets:

(find a file – screen freezes – app won't open – pointer doesn't work)

1 Press and hold the "Ctrl + Alt and Del" buttons when the ..... .

2 Uninstall and reinstall the app when the ..... .

3 Do a search using the Search Box next to the Start button to ..... .

4 Check the mouse connection to the motherboard when the ..... .

October Exam on Lessons (1-5)

1 Choose the correct answer:

1. Input devices for computers include the ..... . (الإسكندرية - الجمرك 2024)
   a. monitor b. printer c. keyboard d. speaker
2. ..... is a a 3D ground scanner used to detect metals.
   a. A magnetometer b. GPS c. Rover C4 d. GPR
3. ..... is a device that allows non-native speakers to speak.
   a. A speech synthesizer b. A keyboard
   c. A speaker d. Braille (الجيزة -العمرانية 2025)
4. Information is considered the processing product of .....
   a. data b. digital blogs c. emails d. a scanner
   (الجيزة - العمرانية 2024)
5. Press "Alt + Ctrl + Del" buttons when ..... .
   a. an app won't open b. the screen freezes
   c. you can't find a file d. searching (الإسكندرية - العجمي 2025)
6. The ..... allows output of audio. (الجيزة - أوسيم 2024)
   a. keyboard b. speaker c. screen d. mouse
7. We use the ..... to find a file or folder on the computer. (الغربية 2024)
   a. Search Box b. scanner c. Ctrl + Alt + Del d. printer

2 Put (✓) or (✗):

1. An operating system is necessary to deal with a computer. (الغربية - طنطا 2024) ( )
2. GPS is used to find places you might need to visit. (القليوبية 2024) ( )
3. A computer can only be used for playing games. ( )
4. The CPU is a type of hardware. (القاهرة - عين شمس 2024) ( )
5. Restarting the device helps in solving most of the problems. ( )
6. The screen magnification software is an assistive technology. ( )
   (القاهرة- عين شمس 2024)
7. A magnetometer is used to detect magnetic fields above the ground. ( )
8. A microphone, camera, and mouse are output devices. ( )
   (بلدر دمنهور 2024)

Lesson 6

Sources of Data Collection and Analysis

» Scientists and archaeologists can solve problems by collecting, analyzing, and graphing data.

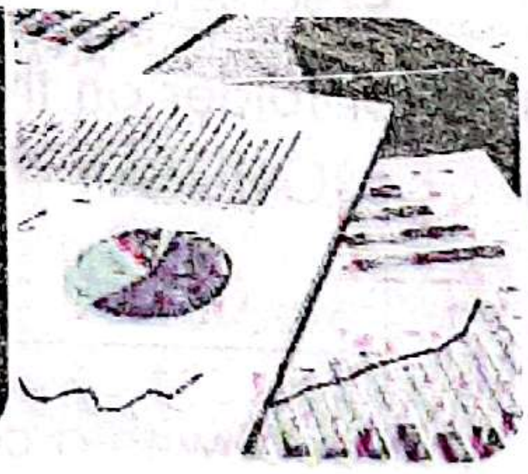
« يقوم العلماء والباحثون بحل المشكلات عن طريق: جمع البيانات، وتحليلها، وتمثيلها بيانيًا.

1 Collecting Data جمع البيانات

You can collect data from a variety of sources, such as:

1 **Books (digital or print)**

2 **Records**



3 **Surveys**

4 **Experiments**

« يمكنك جمع البيانات من المصادر المتنوعة مثل:

- كتب (رقمية أو مطبوعة).
- السجلات.
- استطلاعات الرأي.
- التجارب.

» Always make sure that the data you are collecting is from trusted sources.

« تأكد دائمًا من أن المعلومات التي تجمعها تكون من مصادر موثوقة.

2 Analyzing Data تحليل البيانات

- After collecting data, the next step is analyzing it.
- Analyzing the data means:
  1. Review your findings (collected data).
  2. Interpret what those findings mean.
- The best way to interpret a lot of data is to look for trends (recurring patterns).

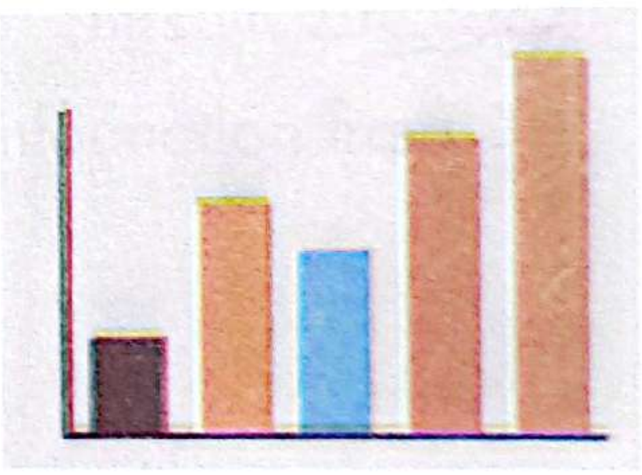
- بعد جمع البيانات، تكون الخطوة التالية هي تحليل البيانات.
- معنى تحليل البيانات هو:
  1. مراجعة النتائج (البيانات المجمعة).
  2. تفسير ما تعنيه هذه النتائج.
- أفضل طريقة لتفسير كمية كبيرة من البيانات هي البحث عن الاتجاهات (الأنماط المتكررة).

3 Graphing Data رسم البيانات

After analyzing the collected data, you are ready to create a graph.

Example :

- Suppose you want to compare the population of two cities.
- You can use a bar chart (graph) to show the difference easily.



مثال: إذا أردت مقارنة عدد السكان في مدينتين، يمكنك استخدام الرسم البياني بالأعمدة (Bar chart) لإظهار الفرق بسهولة.

NOTE:

- Excel is used to:
  1. Analyze data.
  2. Graph data.
  3. Create tables and graphs.

- يستخدم Excel من أجل:
  1. تحليل البيانات.
  2. رسم البيانات بيانيًا.
  3. إنشاء الجداول والرسوم البيانية.

The Role of Technology in Our Lives

أهم الكلمات والمصطلحات	
Archaeologists	علماء الآثار
Analyze the data	تحليل البيانات
Review your findings	مراجعة النتائج
Interpret	تفسير
Trends	الاتجاهات
Recurring patterns	الأنماط المتكررة
Graphing Data	رسم البيانات
Create a graph	إنشاء رسم بياني
Bar (column) graph	الرسم البياني العمودي
Compare	مقارنة
Collecting data	جمع البيانات
Scientists	العلماء
Solve problems	حل المشاكل
Variety of sources	مجموعة متنوعة من المصادر
Records	السجلات
Reports	التقارير
Surveys	الاستطلاعات
Experiments	التجارب
Trusted sources	مصادر موثوقة
Population	عدد السكان

CamScanner

Exercises on Lesson 6

1 Choose the correct answer::

1. The first step of solving any problem is ..... the data.
   a. graphing b. collecting c. analyzing d. reviewing
   (حدائق أكتوبر 2025) (المنوفية - شبين الكوم 2025)

2. You can collect data from a variety of sources, such as ..... .
   a. social media b. records
   c. blogs d. none of them (الإسكندرية - المنتزه أول 2025)

3. Inside a science lab, we do a lot of ..... to collect data.
   a. surveys b. interviews c. experiments d. graphing

4. Before you show your results on charts, you should ..... .
   a. share them online with others b. analyze them
   c. remove them d. delete them
   (الإسكندرية-المنتزه ثانٍ 2025) (القاهرة - عين شمس 2024) (كفر الشيخ - بلطيم 2024) (أسيوط 2023)

5. When collecting data, be sure to use ..... sources.
   a. unreliable b. reliable c. fake d. unknown
   (الإسكندرية-المنتزه أول 2025)

6. ..... are trusted sources that you can collect information from.
   a. Surveys, interviews, and experiments
   b. Social media websites
   c. Entertainment videos
   d. News interviews

7. The best way to collect information is getting it from ..... .
   a. Facebook b. books c. WhatsApp d. trends

8. The best way to interpret a lot of data is to look for ..... .
   a. records b. surveys c. trends d. interviews

9. You can collect data from ..... . (الإسكندرية - إدارة شرق 2023)
   a. surveys b. cameras c. screens d. printers

10 ..... is the best software that can be used to analyze data.

a. Google Chrome b. Excel c. PowerPoint d. Word

11 📖 Which of the following programs do you prefer to create a graph?

a. PowerPoint b. Paint c. Word d. Excel

12 You can use ..... whether they are printed or digital to collect data.

(الجيزة - إدارة جنوب 2023)

a. books b. interviews c. experiments d. none of them

13 ..... are trusted sources for collecting data. (البحيرة - دمنهور 2025)

a. Books b. Social media sites

c. Hackers d. Unknown emails

14 After analyzing the data, you can ..... it. (الإسكندرية - إدارة العجمي 2025)

a. collect b. share c. graph d. send

2 Put (✓) or (✗):

1 Scientists can solve problems by collecting, analyzing, and graphing data. ( )

2 You can collect data from many different sources. ( )

(الإسكندرية - المنتزه ثانٍ 2025) (الدقهلية 2024)

3 📖 Surveys are considered the most common source of collecting data. ( )

4 📖 Paint program is one of the useful ICT tools for analyzing and graphing data. ( )

5 📖 It is preferred to graph the data collected about a problem before analyzing it. ( )

6 Sources of data collection include records and reports. ( )

(الإسكندرية - الجمرك 2024)

7 The best way to interpret a lot of data is to look for recurring patterns. ( )

8 There are two types of books: printed and digital. (القليوبية 2025) ( )

9 Word is the program that is used to graph data on computers. ( )

(الجيزة - إدارة جنوب 2023)

10 📖 You must make sure that the collected information about a phenomenon or a problem is trusted. (الغردقة 2025) ( )

11 Graphs are a good way to display and compare results. ( )

(الدقهلية - طلخا 2023)

3 Complete the following sentences using the words between the brackets:

(bar – Excel – trends – Analyzing – data collection)

1 ..... is one of the programs used for representing data graphically.

2 During ....., you must ensure that the data is trusted.

3 ..... data is very important before drawing a chart.

4 The best way to interpret a lot of data is to look for .....

5 You can use ..... graphs to compare the populations of two cities.

Test Yourself on Lessons 5&6

1 Choose the correct answer:

1. To solve problems, firstly you have to ..... some data about the topic.
   a. edit b. collect c. delete d. graph
2. ..... data is the second step of solving any problem. (أبناؤنا في الخارج 2024)
   a. Collecting b. Analyzing c. Graphing d. Ignoring
3. Uninstall and reinstall the app when ..... .
   a. your screen freezes b. an app won't open
   c. the keyboard isn't typing d. none of them (الإسكندرية - المنتزه أول 2025)
4. You can use ..... to write your homework.
   a. PowerPoint b. Excel c. Word d. Paint
5. ..... data means showing data in a clear and easy way. (الغربية - طنطا 2025)
   a. Collecting b. Analyzing c. Graphing d. Editing
6. Analyzing data includes ..... the collected data.
   a. reviewing b. interpreting c. ignoring d. both a and b

(الإسكندرية - إدارة العجمي 2025)

7. You can use ..... program to create a graph.
   a. PowerPoint b. Paint c. Word d. Excel

2 Put (✓) or (✗):

1. We can draw graphs on paper only. (الجيزة - أوسيم 2024) ( )
2. If you are looking for a picture, look in the Documents folder. ( )
3. The graph is a way to compare the different results. ( )
4. If the mouse cursor isn't working, update the software. ( )
5. We can analyze data in order to organize it in a graph. (الإسماعيلية 2025) ( )
6. If you can't find a file, check for software updates. ( )
7. Restarting the device helps solve some problems. (الإسماعيلية 2023) ( )
8. 📖 Entertainment videos and news interviews are trusted sources for collecting data. (الإسكندرية-المنتزه أول 2025) ( )

Summary of Unit 1 The Role of Technology in Our Lives

Lesson 1

» **Important Exploration Tools:**

1. **Rover C4:**
   - It's a developed metal detector and 3D ground scanner.
   - It's used to search for metals and treasures underground.
   - It creates 3D images of scanned areas to identify the location and depth of potential targets.
2. **GPR:** It uses the radar to detect objects buried underground.
3. **Magnetometer:** It measures the magnetic field and detects metals under the ground.
4. **GPS:** It uses satellites to find locations.

Lesson 2

» **Computers:** They're electronic devices that store, process, and restore data.

» **Computers are important to** write documents, create presentations, create videos, browse the Internet, and play games.

» **Computers devices come in different sizes and shapes:**

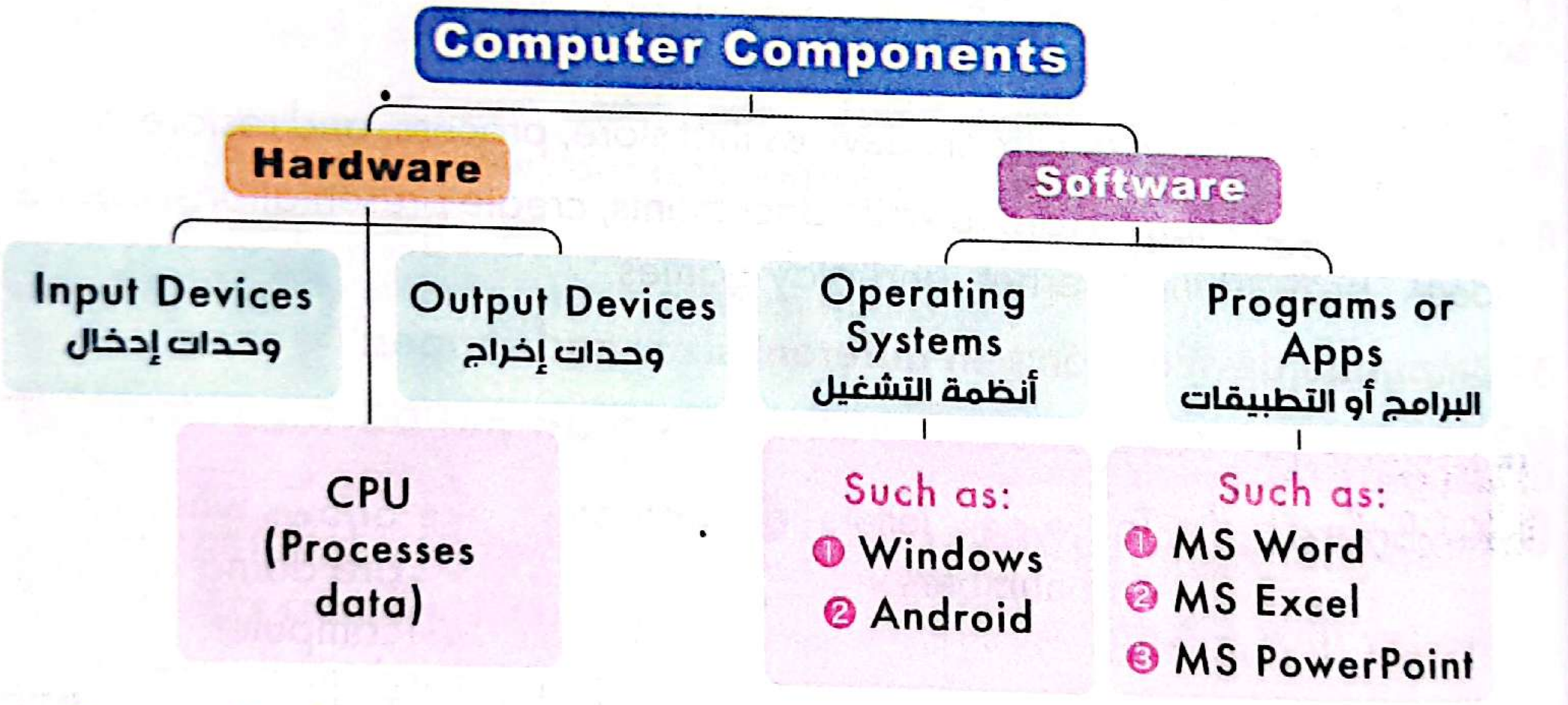
Input Devices		Output Devices	
1 Keyboard	• To type letters and numbers.	1 Screen	• Shows what you are doing on the computer.
2 Mouse	• To select and move things easily.	2 Speaker	• To output sound.
3 Camera	• To input images or videos into the computer.	3 Printer	• To output texts or images from your computer on paper.

④ Microphone	• To input sound, audio, and music into the computer.	④ Braille terminal	• It allows blind people to use computers.
⑤ Touch Screen	• It allows the user to move things on the computer.	⑤ Speech synthesizer	• It allows non-verbal people to speak. (How?) • It changes text to speech.

NOTES:

- A touch screen can be used as an input device and an output device.
- The most important element of the computer system is you, the user.

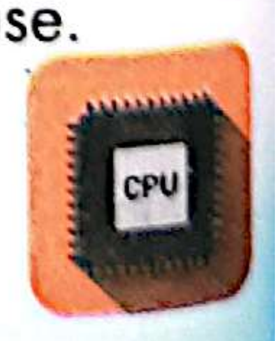
Lesson 3



» Types of software:

1. Operation system:
   - (Like Windows) It opens and runs the program you want to use.
2. Programs: (Like MS Word) It's used to write a school report.

» The CPU: It is a type of hardware used to process data.



NOTE:

- It is important to save your work regularly.

Lesson 4

» Assistive Technology: It helps people of determination (disabilities) with tasks that they find difficult to do.

Assistive Technology	Function
• Screen magnification software	• It helps people with visual impairments. • It enlarges everything on the computer screen.
• Hearing Aids	• They help people with hearing difficulties. • Modern versions come with apps that are connected to mobiles.
• Alternate communication software	• It helps people with speech or language difficulties. • Example: text-to-speech software
• Paraclimbing tools	• They help individuals who lost limbs or have mobility impairments to climb.

Lesson 5

» ICT tools might have a temporary breakdown or failure.

1. If an app doesn't open: Restart → Check for updates → Uninstall & reinstall the app.
2. If the mouse/keyboard doesn't work: Make sure it is connected correctly, then restart → Replace the mouse/keyboard with a new one.
3. If your screen freezes: Press "Alt + Ctrl + Del" → Restart.
4. If you can't find a file: Use the Search Box in the Start menu.

CamScanner

NOTES!

1. Restarting a device can often solve many common ICT problems.
2. If you have tried but can't solve the problem, the last step is to ask your teacher or family for help.

Lesson 6

» Scientists and archaeologists can solve problems by collecting, analyzing, and graphing data

» **Sources of collecting data:**

1. Books "digital or printed"
2. Surveys
3. Experiments "at labs"
4. Records

» **Analyzing data:**

- It includes reviewing and interpreting the collected data.
- The best way to interpret a lot of data is to look for trends (recurring patterns) in the information.
- Microsoft Excel is one of the best programs to analyze data.

» **Graphing data:**

- A common graph is a bar (column) graph.

Revision on Unit 1 The Role of Technology in Our Lives

Model Exam 1

1 Choose the correct answer:

1. The ..... is a tool used to find the location of something using satellites.
   a. magnetometer b. GPS c. radar d. drone
   (الإسكندرية - الجمرك 2024)
2. ..... is a device that allows blind people to use the computer.
   a. Braille terminal b. A mouse c. A keyboard d. A printer
   (الغردقة 2025)
3. The ..... helps people with vision difficulties. (الغربية - طنطا 2024)
   a. headphone b. screen magnification software
   c. camera d. synthesizer
4. Information is considered the processing product of ..... .
   (الإسكندرية - إدارة شرق 2024)
   a. data b. digital blogs c. email d. data theft
5. ..... is a 3D ground scanner used to detect metals.
   a. A magnetometer b. GPS c. Rover C4 d. GPR

2 Put (✓) or (✗):

1. We can use a magnetometer to find the location of something using satellites. (الجيزة - أوسيم 2024) ( )
2. Input devices in the computer work on processing data. (الإسكندرية - المنتزه ثانٍ 2025) ( )
3. We can analyze data in order to organize it in a graph. (الإسكندرية - المنتزه أول 2025) ( )
4. The central processing unit is a type of software. (قنا 2025) ( )
5. To solve the problem of the mouse not working, a new keyboard is bought. (بورسعيد 2025) ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A keyboard	a. acts as both an input and output device.
2 MS Word	b. is used to write documents and reports.
3 Hearing aids	c. is an input device
4 A touch screen	d. help people of hearing disabilities.
5 A printer	e. outputs text and images on paper.

1 ..... 2 ..... 3 ..... 4 ..... 5 .....

Model Exam 2

1 Choose the correct answer:

1 The operating system sends data to the ..... .
a. central processing unit (CPU) b. screen
c. word d. keyboard (الإسكندرية - وسط 2025)

2 ..... software can turn text to speech and speech to text.
a. Screen magnification b. Sporting tools
c. Alternate communication d. Hearing aids (الإسكندرية - المنتزه أول 2025)

3 A keyboard and mouse are examples of ..... devices.
a. hardware b. input devices
c. output devices d. both a and b

4 You can solve the problem when the screen stops displaying information by pressing ..... .
a. Alt + Ctrl + Del b. Alt + Shift
c. Alt + FB d. F10 + Del (الإسكندرية - شرق 2025)

5 A technology that helps people of determination to carry out their tasks is called ..... .
a. assistive technology b. a magnetometer
c. an operating system d. software (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (✗):

1. A common graph is a bar graph. (الإسكندرية - شوق 2025) ( )
2. GPS is used to find places you might need to visit. (الإسكندرية - المنتزه ثان 2025) (الجيزة - العمرانية 2025) ( )
3. Android is one of the most famous operating systems. (المنيا 2024) ( )
4. A Ground Penetrating Radar is used to find objects above the ground. (الجيزة - العمرانية 2024) ( )
5. If the keyboard doesn't work, use the Search Box. (الإسكندرية - المنتزه أول 2025) ( )

3 Complete the following sentences using the words between the brackets:

(Excel - mouse - Alternate - Analyzing data - data collection)

1. During ....., ensure that the data is accurate.
2. ..... means reviewing the data and interpreting their meaning.
3. You can move things easily using the ..... (الجيزة - أوسيم 2024)
4. You can draw a graph on a computer using ..... (الإسكندرية - وسط 2025)
5. ..... communication software may convert text to speech and vice versa.

Model Exam 3

1 Choose the correct answer:

1. Microsoft Word is a type of computer ..... (القاهرة - عين شمس 2024)

   a. scanner b. camera c. hardware d. software

2. The ..... is a device that allows non-speakers to speak.

   a. printer b. scanner c. speech synthesizer d. braille

(الجيزة - العمرانية 2025)

3 ..... is a device that relies on satellites to detect the locations of things.

a. Measuring the magnetic field b. GPR

c. GPS d. Satellite (الإسكندرية - المنتزه أول 2025)

4 When there's a problem opening one of the apps on your computer, you might need to .....

a. restart the device b. replace the mouse

c. replace the keyboard d. data theft (الإسكندرية - المنتزه ثانٍ 2025)

5 You can use ..... program to compare the grades of students in ICT and create bar charts.

a. MS Word b. MS Excel c. MS Paint d. none of them

2 Put (✓) or (✗):

1 We can use the computer to store information and write documents. ( ) (البحيرة - إيتاي البارود 2024)

2 The GPR device is used to find objects under the surface of the Earth. ( ) (الإسكندرية - المنتزه أول 2025)

3 Hearing aids help people with poor vision. ( )

4 Software refers to the physical parts of the computer. ( )

5 You can use MS PowerPoint to write school reports and homework. ( ) (الغربية - طنطا 2025)

3 Complete the following sentences using the words between the brackets:

(GPS – Assistive technology – printer – Rover C4 – Braille)

1 ..... is used to search for treasures and metals buried under the ground.

2 Tourists depend on ..... to determine the locations. (الجيزة - حدائق أكتوبر 2024)

3 ..... allows blind people to use the computer. (سوهاج 2025)

4 A ..... is considered one of the output units. (كفر الشيخ - بلطيم 2024)

5 ..... is a technology that helps people of determination.

Model Exam 4

1 Choose the correct answer:

1 The first stage to deal with data is to .....
a. collect data
b. show data
c. analyze data
d. save data (المنوفية - شبين الكوم 2025)

2 ..... is a device used to detect metal coins buried underground.
a. A satellite
b. Global Positioning System (GPS)
c. A drone
d. A magnetometer (الغردقة 2025)

3 To input ..... to computers, we use the keyboard.
a. videos
b. letters and numbers
c. image
d. sound (الإسكندرية-وسط 2025)

4 The speakers allow ..... .
a. inputting audio data
b. outputting audio data
c. printing papers
d. writing data (الجيزة - العمرانية 2025)

5 The ..... is necessary to deal with the computer.
a. operating system
b. keyboard
c. screen
d. Speaker (الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (✗):

1 Restarting the device helps to solve some problems. ( ) (الأزهر الشريف 2023)

2 Archaeologists use the Ground Penetrating Radar to find objects above the ground. ( ) (الجيزة - كرداسة 2024)

3 Surveys are one of the most common sources of data collection. ( ) (الإسكندرية - المنتزه أول 2025)

4 The keyboard, mouse, touch screen, and camera are devices for inputting data to the computer. ( ) (الأزهر الشريف 2024)

5 The operating system is necessary to run the computer. ( ) (الإسكندرية - المنتزه أول 2025)

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Windows	a. allows non-verbal people to speak.
2 Modern hearing aids	b. outputs texts or images from your computer on a paper.
3 The speech synthesizer	c. can be connected to smartphones.
4 The printer	d. is the most famous operating system for computers.
5 CPU	e. is a type of hardware used to process data.

1 ..... 2 ..... 3 ..... 4 ..... 5 .....

Model Exam 5

1 Choose the correct answer:

1 The ..... is responsible for processing data.

a. CPU b. printer

c. screen d. keyboard (الإسكندرية-المنتزه ثاني 2025)

2 The best way to interpret a lot of data is to look for .....

a. records b. surveys

c. trends d. interviews

3 ..... help people who suffer from hearing problems.

a. Magnifications b. Sporting tools

c. Speakers d. Hearing aids (الإسكندرية - العجمي 2024)

4 You can draw graphs on a computer using .....

a. PowerPoint b. Word c. Excel d. Paint

(الإسكندرية - المنتزه أول 2025)

5 The ..... is a device that is responsible for entering the data into the computer.

(الإسكندرية - المنتزه ثانٍ 2025)

a. keyboard b. CPU

c. printer d. data theft

2 Put (✓) or (✗):

1 Collecting data is the first step to solve problems. (الإسماعيلية 2025) ( )

2 Data entry is the last stage of accessing final information.

(الإسكندرية - المنتزه ثان 2025) ( )

3 The screen is an output device. (الجيزة - بولاق الدكرور 2024) ( )

4 The screen magnification software helps people who are hearing impaired.

(قنا 2025) ( )

5 The most important element of the computer system is the user. ( )

3 Complete the following sentences using the words between the brackets:

(data - Assistive technology - surveys - Hearing aids - magnetometer)

1 ..... helps people of determination.

2 A ..... is a device that is used in detecting metals underground.

(الأزهر - منطقة القاهرة 2024)

3 ..... help people who have trouble hearing.

(الإسكندرية-وسط 2025)

4 There are many sources of collecting data, such as ..... .

5 The central processing unit CPU processes ..... . (سوهاج 2025)

Unit 2

Digital Safety and Security Precautions

Unit Lessons:

Lesson 1 Protection from Internet Risks

Lesson 2 Proper and Ethical Use of Information Technology

Lesson 3 Internet Search Processes

Lesson 4 Authorities Responsible for Solving Internet Problems

Lesson 5 Digital Security

Lesson 6 Practical Project

CamScanner

Lesson 1 Protection from Internet Risks

Online Communication

» There are many ways to communicate online using devices, such as:

1. Computers
2. Phones
3. Tablets

« يوجد طرق عديدة للتواصل باستخدام أجهزة مثل: أجهزة الكمبيوتر، والهواتف، والأجهزة اللوحية.

» People can communicate using:

« يمكن للناس التواصل عن طريق:

Message Forums منتديات الرسائل	Direct Messages الرسائل المباشِرة	Email البريد الإلكتروني	Instant Messaging الرسائل الفورية

» Be careful, some people communicate online to be unkind or to steal your personal information.

» Personal information includes:

1. Your name.
2. Your address.
3. Your school name.

« كن حذرًا من أن بعض الأشخاص يتواصلون عبر الإنترنت لأغراض سيئة، أو لسرقة معلوماتك الشخصية.

« تتضمن المعلومات الشخصية: اسمك، ورقم هاتفك، وتاريخ ميلادك، وعنوانك، واسم مدرستك، ... إلخ.

1 Behaving Online التصرف عبر الإنترنت

1. Always be **kind** to others.
2. Don't share **personal data** online without asking your teacher or a family member.

- كن دائمًا لطيفًا مع الآخرين.
- لا تشارك أي بيانات شخصية إلا بعد أن تسأل معلمك أو أحد أفراد عائلتك أولًا.

2 Staying Safe Online ابق آمنًا على الإنترنت

- Be careful when clicking on **links**.
- Don't click on links that you are unsure of.
- If you view an **unsafe** or **inappropriate** site:
  1. Don't panic.
  2. Leave the site.
  3. Tell your teacher or a family member who can help you feel safe.
- Check your **privacy settings** on social media sites. Make sure that only your friends and family can view your information.

- كن حذرًا عند النقر على أي رابط إلكتروني.
- ولا تنقر على روابط لست متأكدًا منها.
- إذا شاهدت عن طريق الخطأ مشهدًا غير آمن أو موقعًا إلكترونيًّا غير مناسب:
  1. فلا داعي للذعر.
  2. اترك الموقع.
  3. أخبر معلمك، أو أحد أفراد أسرتك الذي يمكنه مساعدتك.
- تحقَّق من إعدادات الخصوصية الخاصة بك على مواقع التواصل الاجتماعي.

احرص على أن تكون المعلومات الخاصة بك متاحة لأفراد أسرتك وأصدقائك فقط.

3 Sharing Online المشاركة عبر الإنترنت

- Always **think before you post** something, especially a photo or video.
- Is it appropriate? Could this embarrass or hurt me or others?

- فكِّر دائمًا قبل نشر أي شيء، خاصة الصور ومقاطع الفيديو.
- هل هذا مناسب؟ هل ممكن أن يسبب لك أو للآخرين إحراجًا أو ضررًا؟

4 Downloading Files تحميل الملفات

- Think carefully before downloading files.
- Some files have **viruses**.
- **Viruses** can:
  1. Damage your computer
  2. Be used to track your information.
- Check the website before you download a file. Is it a **trusted** site? If you are not sure, you shouldn't download files from it.

- فكِّر جيدًا قبل تنزيل الملفات؛ لأن بعض الملفات بها فيروسات، يمكن للفيروسات إتلاف جهاز الكمبيوتر الخاص بك، أو تتبُّع معلوماتك.
- تحقَّق من موقع الويب قبل تنزيل الملف: هل الموقع موثوق به؟ إذا لم تكن متأكدًا، فلا يجب عليك تنزيل الملفات منه.

NOTE (1):

- When you download a file:
  1. It will be saved on your computer.
  2. You can open and view it later without the Internet.

- إذا قمت بتنزيل ملف سيتم حفظه على الكمبيوتر، ويمكنك الاطلاع عليه لاحقًا دون أن تكون متصلًا بالإنترنت.

Digital Safety and Security Precautions

NOTE (2):

» Learning is power! Use what you learned to stay safe and happy while online.

• التعلم قوة استخدام ما تعلمته لتبقى آمنًا وسعيدًا أثناء وجودك على الإنترنت.

أهم الكلمات والمصطلحات

Online communication	الاتصال عبر الإنترنت	Damage	يدمر
Personal information	بيانات شخصية	Instant messaging	المراسلة الفورية
Appropriate	مناسب	Unkind	غير لطيف
Downloading a file	تحميل ملف	Inappropriate site	موقع غير مناسب
Track	يتتبع	Viruses	فيروسات
Spam messages	رسائل مزعجة	Check	يفحص
Privacy	خصوصية	Steal	يسرق
Unsafe website	موقع غير آمن	Sharing data	مشاركة البيانات
Don't panic	لا تنزعج	Message forums	منتديات الرسائل

CamScanner

Exercises on Lesson 1

1 Choose the correct answer:

1 Ways of communicating online include ..... . (الإسكندرية - المنتزه أول 2025)

a. computers
b. tablets
c. phones
d. all of them

2 People may use ..... to communicate together.

a. spam messages
b. instant messages
c. personal information
d. none of them

3 You should make sure that only ..... can view your information.

a. your friends
b. your family
c. strangers
d. both a and b

(الجيزة - حدائق أكتوبر 2025) (بندر دمنهور 2024)

4 Some individuals communicate online to steal your ..... .

a. personal information
b. reports
c. pictures
d. games

(الإسكندرية - العجمي 2025) (الإسماعيلية 2025)

5 If someone sent you a friend request on a social networking site, you must ..... .

a. close the device
b. delete the friend request
c. check his identity
d. data theft

(الإسكندرية-المنتزه ثانٍ 2025)

6 Which of the following is not a method of online communication?

a. Email
b. Instant messaging
c. Forums
d. Fax machine

7 Be sure your privacy settings on social media allow access only to ..... .

a. friends and family
b. strangers
c. everyone online
d. hackers

8 It is preferable not to publish some personal data, such as your ..... .

a. passwords
b. phone number
c. both of them
d. none of them

(كفر الشيخ - بلطيم 2024)

9 If you view an inappropriate site, what should you do?

a. Stop using technology.
b. Keep the site open.
c. Open the site again.
d. Leave the site.

10 If your friend sent you a file and you want to save it on your device, you should ..... the file. (الإسكندرية - المنتزه ثان 2025) (القاهرة - عين شمس 2024)

a. download b. block c. scan d. delete

11 📖 If one of your friends sends you a scary and weird image, you should ...

a. send that image to your friends

b. tell your parents to help you

c. copy the image on your device

d. send a thank you message to the sender

12 Your ..... includes your name, address, and your date of birth.

a. personal data b. link

c. download d. spam (الإسكندرية - المنتزه أول 2025)

13 You shouldn't communicate with ..... on social media sites.

a. your school friend b. a friend of yours

c. an unknown person who wants to share your information

d. data theft (الإسكندرية - المنتزه ثانٍ 2025)

14 Be careful when downloading a file because viruses can ..... .

a. protect your information b. track your information

c. clean your computer d. improve your device speed

15 Saving a file from the Internet to your computer is called ..... .

a. share b. download c. upload d. block

(الإسكندرية - إدارة شرق 2023)

16 Before downloading any file, always check the ..... is trusted.

a. file size b. website c. speed d. file name

17 Viruses can ..... . (الإسكندرية - المنتزه أول 2025)

a. damage your file b. damage the mouse

c. connect to the Internet d. help your files

18 📖 If a video file was sent by an unknown person on your social media account, you must ..... . (الإسكندرية - إدارة شرق 2025)

a. download the file to watch it

b. tell your parents and don't open the file

c. tell your friends

d. open the file first, then tell your parents

19 If you get a message from a stranger and it tells you to download a file to watch a funny video, what should you do?

a. Download the video to watch later. b. Delete the message.

c. Ignore the message. d. Both b and c

2 Put (✓) or (✗):

1 One of the dangers of the Internet is that others can use your personal data. ( ) (الإسكندرية - المنتزه ثانٍ 2025) (أسيوط 2023)

2 Always be kind and honest when communicating with others. ( )

3 It's necessary to know the identity of the person you're communicating with online. ( ) (الإسكندرية - إدارة وسط 2025)

4 📖 Computers and smartphones are used to communicate via the Internet. ( )

5 It is safe to click on links that you are unsure of. ( )

6 You cannot see a video after downloading it without the Internet. ( )

7 You must check the privacy settings in the social networking sites. ( ) (الجيزة - بولاق الدكرور 2024)

8 You will be safe online if you share your personal data. ( ) (القليوبية 2025)

9 People can use instant messages and emails to communicate. ( ) (البحيرة - دمنهور 2025)

10 You should not share your address and school name on social media. ( )

11 Online forums are one way to communicate on the Internet. ( )

12 Downloading an image on your device means placing a copy of it on the Internet. ( ) (البحيرة - أبو حمص 2024)

13 Your school name is considered personal information. ( )

14 If you are unsure about a link, you should not click it. ( )

15 All people online are kind and trustworthy. ( )

16 The risks of downloading files to your computer include the possibility that these files may contain viruses. (الإسكندرية - المنتزه أول 2024) ( )

17 You can download files on your device without the Internet. (الإسكندرية - المنتزه ثانٍ 2025) ( )

18 📖 Your personal information should be public for all users to see and save. (المنوفية - شبين الكوم 2025) ( )

19 Viruses are useful software for your computer. ( )
(المنوفية - شبين الكوم 2025)(الفردقة 2025) (الإسكندرية - إدارة وسط 2025)

20 📖 It is not necessary to know the identity of the person you are having a conversation with over the Internet. (البحيرة - دمنهور 2025) ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Personal information	a. allow you to communicate online.
2 Instant messages	b. track your information.
3 Viruses	c. may include your address or your name.

1 ..... 2 ..... 3 .....

4 Complete the following sentences using the words between the brackets:

(privacy settings – download – instant messages – personal data)

1 When you ..... a file, you save it to your device.

2 Check your ..... on social media sites such as Facebook and Insragram.

3 Your name and address are considered ..... . (الغربية - طنطا 2025)

4 You can use ..... to communicate with your friends.

Lesson 2 Proper and Ethical Use of Information Technology

1 Posting Online النشر على شبكة الإنترنت

» When you tag someone in a post, photo, or video:

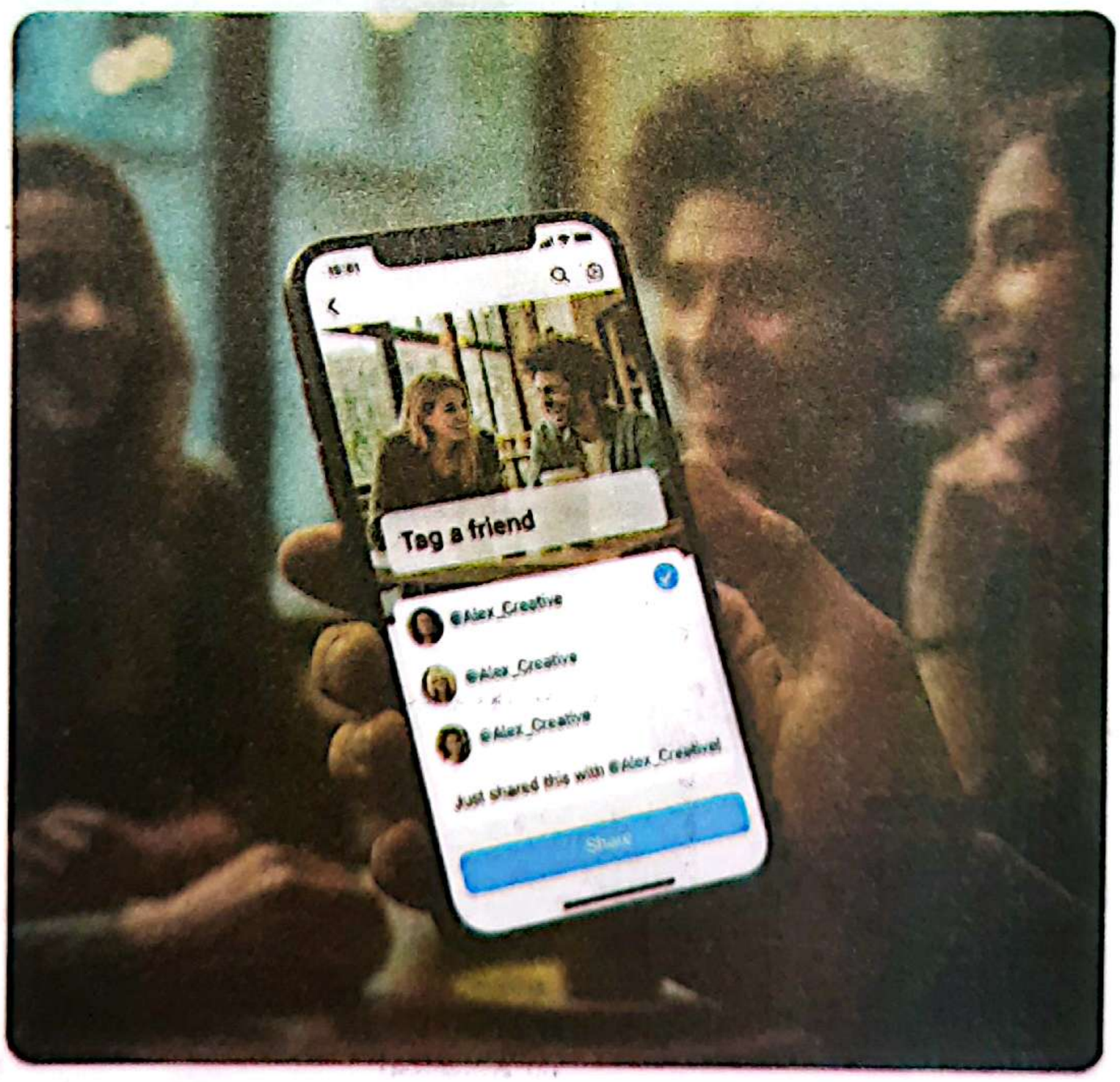
1. You identify that person in a post.
2. Anyone who has access to your account can see the post.

» Therefore, you should respect others' privacy by always asking them first if they agree to be tagged.

« عندما تقوم بعمل إشارة (tag) لشخص في منشور أو صورة أو مقطع فيديو:

1. فأنت تحدد هوية الشخص في المنشور.
2. أي شخص لديه إمكانية الوصول إلى حسابك يمكنه رؤية المنشور.

« لذلك ومن أجل احترام خصوصية الآخرين، يجب دائمًا أن تسألهم أولًا إذا كانوا يوافقون على الإشارة إليهم (tag) قبل أن تنشر.



2 Crediting Others ذكر مصادر المعلومات وأصحابها

» Whether you are looking for information to post online or to include in a PowerPoint presentation, it's important to credit the sources that provided you with the information.

« إذا كنت تبحث عن المعلومات لنشرها على شبكة الإنترنت أو لإدراجها في عرض تقديمي تقوم بإعداده بواسطة باوربوينت، فمن المهم أن توثق مصدر المعلومات التي شاركتها، وتذكر أصحابها.

3 Respecting the Law احترام القانون

Banned Sites
المواقع الإلكترونية المحظورة

They may publish inaccurate, immoral, and harmful material.

ربما تنشر مواد غير دقيقة، وغير أخلاقية، ومضرة.

» Don't go on banned sites.

» Ask your teacher or a family member before you go to a new site.

« لا تدخل إلى المواقع الإلكترونية المحظورة.

« اسأل معلمك أو أحد أفراد أسرتك قبل الدخول على موقع إلكتروني جديد.

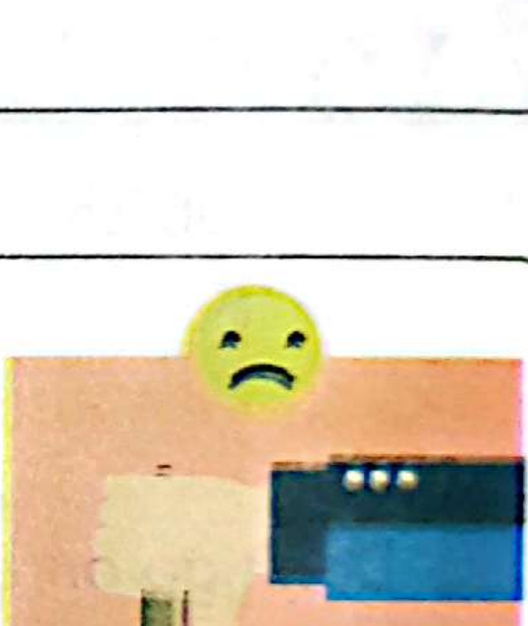
4 The Positive and Negative Effects of ICT Tools

» ICT tools have positive and negative effects.

The positive effect of ICT tools الأثر الإيجابي

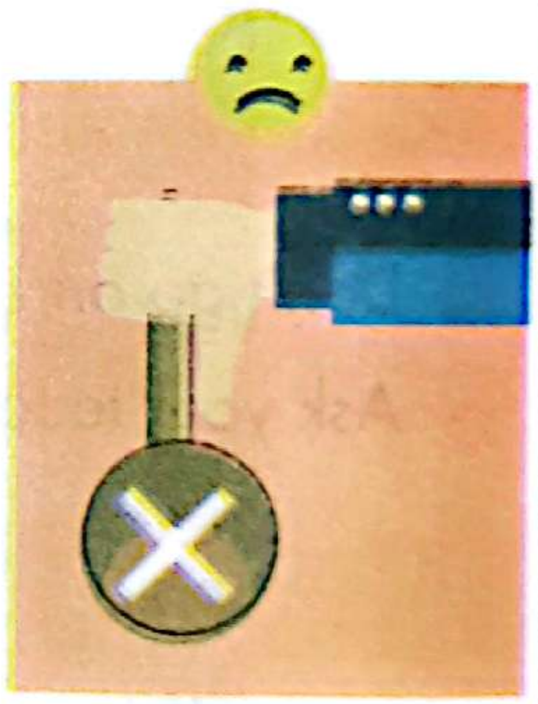
» You can access information with just a click of the mouse.

« يمكنك الوصول للمعلومات بنقرة واحدة على الماوس.



The negative effects of ICT tools الآثار السلبية

1. You may come across something online that upsets you.
2. You can get eye strain and headaches from using your devices for too long.
3. Some times, searching on Google does not provide the correct answer.



1. ربما تشاهد على شبكة الإنترنت شيئًا يزعجك.
2. ربما تشعر بإجهاد في عينك أو صداع في رأسك عند الإفراط في استخدام الأجهزة الإلكترونية.
3. أحيانًا البحث في جوجل لا يعطي الإجابة الصحيحة.

NOTES:

- Remember to use ICT tools wisely and ethically.
- Stay active and social, and be responsible.
- Know when to take a break from your device.

- تذكُر أن تستخدم أدوات تكنولوجيا المعلومات والاتصالات بحكمة وأخلاق.
- كن نشيطًا واجتماعيًا وكن مسئولًا.
- اعرف متى تأخذ استراحة من جهازك.

أهم الكلمات والمصطلحات

Ask permission	طلب الإذن من	Tag	الإشارة
Banned sites	المواقع المحظورة	Respect	تحترم
Harmful	ضار	Presentation	عرض تقديمي
Inaccurate	غير دقيقة	Immoral	غير أخلاقية
Eye strain	إجهاد العين	Headache	صداع
		Crediting others	ذكر مصادر المعلومات

Exercises on Lesson 2

1 Choose the correct answer:

1 ..... is the feature used to mention one of your friends on social media sites. (سوهاج 2025)(الغردقة 2025)

a. Liking b. Sending c. Tagging d. Data theft

2 When you tag someone, this means you ..... that person in the post. (المنوفية - السادات 2023) (الدقهلية - طلخا 2023)

a. block b. identify c. ignore d. none of them

3 ICT tools have ..... and negative effects. (القاهرة - عين شمس 2024)

a. download b. positive c. normal d. none of them

4 ..... sites may publish inaccurate and harmful material.

a. Scientific b. Trusted c. Banned d. Educational

(الإسماعيلية 2025) (الجيزة - إدارة جنوب 2023)

5 One of the advantages of using ICT tools in our lives is ..... .

a. privacy b. easy access to information

c. respecting the law d. none of them (أسيوط 2024)

6 You should ask your friends for permission before tagging them in a post to respect their ..... .

a. piracy b. privacy c. identity d. none of them

7 ..... is one of the most important things to consider when sharing information. (الإسكندرية - المنتزه أول 2025)

a. Plagiarism b. Crediting the source c. Tagging d. None of them

8 A negative consequence of using ICT tools is ..... .

a. getting eye strain b. headache

c. both a and b d. sharing data (المنوفية - شبين الكوم 2025)

9 Spending a lot of time using technology can cause ..... .

a. happiness b. headaches c. activity d. health

(الإسماعيلية - 2025)(الجيزة - حدائق أكتوبر 2025)

10 ..... lets others know where the information you are sharing came from.
a. Asking for permission
b. Searching
c. Crediting the sources
d. Piracy

11 Accessing information with just a click of the mouse is from the ..... of using ICT tools.
a. positives
b. negatives
c. dangers
d. none of them (القاهرة - بدر 2024)

12 One of the positive effects of ICT tools is ..... .
a. getting eye strain
b. seeing something that upsets you
c. downloading videos or photos
d. all of them (القاهرة - الشروق 2023)

13 Spending too much time using technology causes ..... .
a. permanent activity
b. positive results
c. eye strain
d. privacy (الإسكندرية - المنتزه أول - 2025)

14 One of the advantages of ICT tools is ..... .
a. data theft
b. helping people with disabilities
c. overuse of electronic devices
d. none of them
(الإسكندرية - المنتزه ثانٍ 2025) (الدقهلية 2024)

15 One of the positive effects of the Internet is ..... .
a. accessing information quickly
b. data theft
c. identifying theft
d. both b and c (المنوفية - السادات 2023)

16 Banned websites may contain ..... content.
a. inaccurate
b. unethical
c. harmful
d. all of them

17 Sara went to her friend's birthday party and took a lot of photos. What should she do?
a. Share all photos on Facebook.
b. Tag all her friends in a post.
c. Get permission from her friends to share the photos.
d. Delete the photos.

18 Before posting any information on social media, ask your self: ..... ?
a. Do you harm anyone
b. Is this post kind
c. Is this content good
d. All of them (الفيوم 2023)

2 Put (✓) or (✗):

1 📖 You should use ICT tools wisely and ethically. (حدائق أكتوبر 2025) ( )

2 When you tag someone, they can see your post. (القليوبية 2025) ( )

3 Communicating with friends is one of the negative effects of ICT tools. (الشرقية – العاشر من رمضان 2024) ( )

4 📖 You can share information about your friends on social media sites without their permission. ( )

5 It's not important to credit a source that provides you with information. (القليوبية 2025) ( )

6 You should respect the law while using the Internet. ( )
(الإسكندرية - العجمي 2025) (الجيزة - حدائق أكتوبر 2024)

7 Before you post something, ask yourself: Is this post kind to others? ( )

8 📖 Overusage of technology devices may cause eye strain and headaches. ( )

9 You should go on banned sites. ( )

10 One of the negative consequences of ICT tools is that you may come across something online that upsets you. (الدقهلية - منية النصر 2023) ( )

11 One of the negative effects of using ICT is communication with friends. (الإسكندرية - العجمي 2025) (الإسكندرية - المنتزه أول 2025) ( )

12 Headaches and eye strain are considered positive effects of ICT tools. (قنا 2024) ( )

13 Using ICT tools for too long can keep you active and social. ( )

14 You must get the permission of someone who you want to tag. (الإسكندرية - العجمي 2024) ( )

15 Banned sites may publish accurate, moral, and useful material.

( ) (الإسكندرية-المنتزه أول 2025)

16 All answers to any questions on Google are correct and accurate.

( )

17 📖 You can mention a friend on social media sites using the tag.

( ) (الإسكندرية-وسط 2025)

18 One of the positive effects of information and communication technology is downloading videos on your computer. ( ) (المنوفية- شبين الكوم 2025)

19 One of the negative effects of using ICT tools is easy access to information.

( ) (البحيرة-دمنهور 2025)

3 Classify these situations into positive or negative effects of ICT tools:

Situation	Positive	Negative
1 Adam tags his friend in an old image without his permission.		
2 Lara asks her friend to tag her in a picture before she posts it online.		
3 Sarah shares valuable information without crediting the source.		
4 Ahmed works on his computer all day without taking any rest.		
5 Eyad presents information via PowerPoint, along with its sources.		
6 Lina asks her teacher first before she goes on a new website.		

Test Yourself on Lessons 1&2

1 Choose the correct answer:

1. When you download a file, you save it on the .....
   a. Internet b. cloud
   c. computer d. all of them (الجيزة - حدائق اكتوبر 2025)
2. ..... can damage your computer.
   a. Blocking b. Sharing c. Communication d. Viruses
3. It is possible that there are viruses on your device if you ..... .
   a. click on unknown links b. block someone
   c. send an email d. none of them (الغربية 2023)
4. ..... includes your name, address, and your date of birth. (القليوبية 2024)
   a. Personal data b. Spam c. Download d. Virus
5. ICT tools should be used ..... .
   a. wisely b. ethically c. carelessly d. both a and b
6. 📖 ..... is/are from the disadvantages of using ICT tools.
   a. Accessing information easily b. Eye strain and headaches
   c. Communicating with your friends d. Accessing the latest news
7. ..... is one advantage of using ICT tools.
   a. Eye strain b. Headache
   c. Accessing information d. Becoming lazy

2 Put (✓) or (✗):

1. 📖 When you share information online, you must mention the source of this information. ( )
2. You must check the website before downloading a file. (الأزهر 2024) ( )
3. You should respect your friends by asking them before tagging. ( )
4. Don't share personal data online without asking your parents if it is OK. (القاهرة - بدر 2024) ( )
5. All Google search results are always correct. ( )
6. People may use instant messaging, emails, direct messages, and message forums to communicate. (الجيزة - العمرانية 2023) ( )
7. You shouldn't contact anyone you don't know. (الإسكندرية - إدارة وسط 2024) ( )
8. Quick access to information is a positive effect of ICT. ( )

Lesson 3 Internet Search Processes

1 Searching Safely البحث بطريقة آمنة

- Use the safety features of the browsers you use.
- Choose browsers that warn users before they enter an unsafe site or download a harmful app.

- If you get a warning message:
  1. Talk to your teacher or family member to protect you and handle the problem wisely.
  2. Avoid dealing with this site again.

- استفد من ميزات الأمان للمتصفحات التي تستخدمها.
- اختر المتصفحات التي ترسل تنبيهات للمستخدمين عند محاولة الدخول لموقع إلكتروني غير آمن أو تنزيل برنامج ضار.

إذا تلقيت رسالة تحذير:

1. تحدث مع معلمك أو أحد أفراد عائلتك ليحميك ويساعدك في التعامل مع المشكلة بحكمة.
2. تجنب التعامل مع هذا الموقع مرة أخرى.

- Some popular browsers have search engines set up just for children:
  1. They show results that are age-appropriate.
  2. They may include a parental control app.
  3. They may include helpful safety tips for children.

- تتميز بعض المتصفحات الشائعة بمحركات بحث مخصصة للأطفال:
  1. أنها تعرض النتائج المناسبة لعمرهم.
  2. ربما تتضمن بعض المتصفحات تطبيقًا يتيح للوالدين مراقبة أطفالهما.
  3. ربما تتضمن بعض المتصفحات نصائح مفيدة مرتبطة بأمان الأطفال.

- Watching videos online is fun, but it is important to choose appropriate websites.
- Some websites include filters that help you avoid watching inappropriate videos.

مشاهدة الفيديوهات على الإنترنت ممتعة، لكن من المهم اختيار مواقع الويب المناسبة.

بعض المواقع تحتوي على فلاتر تساعدك على تجنب مشاهدة الفيديوهات غير المناسبة.

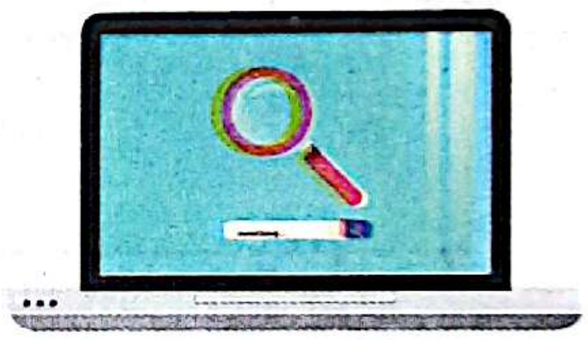
2 Searching Smartly البحث بطريقة ذكية

- You can search online using:

1 Typing (Writing)

2 Images

- If you are searching for information on an image:
- Use images instead of words in your search.
- Use the camera button and upload your image.



- Your teacher can help you.

Click the camera icon to get started.

يمكنك البحث عبر الإنترنت باستخدام:

1 الكتابة.

2 الصور.

إذا كنت تبحث عن معلومات عن صورة، فاستخدم الصور بدلًا من الكلمات في بحثك، واستخدم زر الكاميرا وأضف صورتك.

يمكن لمدرسك مساعدتك.

Useful tips for finding information smartly:

» Many search engines ignore some words like (the, and, how, where, and or).

« تتجاهل العديد من محركات البحث بعض الكلمات مثل: ("the"، «و»، «كيف»، «اين»، «او»).

❶ To include a word in the search results: لتضمين كلمة في نتائج البحث.	add the "+" sign before the word. أضف علامة "+" قبل الكلمة.
❷ To ignore/avoid a word in the search results: لتجنب أو تجاهل كلمة في نتائج البحث.	add the "-" sign before the word. أضف علامة "-" قبل الكلمة.
❸ To search for a particular phrase: للبحث عن عبارة معينة.	put the phrase inside quotation marks " ". » This will help narrow your search to the exact wording. سيساعد في تضييق البحث إلى الصياغة الدقيقة.

أهم الكلمات والمصطلحات

Warn	يحذر	Searching safely	البحث بطريقة آمنة
Searching smartly	البحث بطريقة ذكية	Search engine	محرك البحث
Sign	علامة	Browser	متصفح

CamScanner

Exercises on Lesson 3

1 Choose the correct answer:

1 You can use ..... to search for information online.
a. results b. Excel c. a search engine d. books

(الإسكندرية - إدارة وسط 2023)

2 You should choose browsers that ..... you before entering unsafe sites.
a. block b. allow c. search d. warn

3 Using ..... is one of the methods for children to search online.
a. unsafe sites b. unknown sites
c. search engines for children d. search engines for adults

(أبناؤنا في الخارج 2024)

4 If you get a warning message when surfing the Internet, ... to the site.
a. proceed b. do not proceed
c. go d. log in

5 You can search using ..... if you are searching for information on an image.
a. videos b. images c. links d. none of them

6 📖 The sign ..... is used while searching on the Internet before words that you want to avoid (exclude) in the search results.
a. – b. + c. # d. /

(المنوفية-شبين الكوم 2025) (الإسكندرية-شرق 2025)

7 Some websites may include ..... to avoid seeing inappropriate videos.
a. antivirus b. personal data
c. filters d. hardware

8 To search for an exact sentence, we put the sentence between ..... .
a. + b. – c. " " d. @

(القليوبية 2025) (الإسكندرية-منتزه أول 2025)

9 Search engines set up for children show ..... results.
a. inappropriate b. random
c. adult d. age-appropriate

10 You can search online using ..... .
a. words b. images c. both a and b d. none of them

11 The + sign before a word tells the search engine to ..... that word in the search results. (الغربية - طنطا 2025)
a. avoid b. include c. ignore d. neglect

12 To search for summer fruits avoiding peach, type ..... in the search engine.
a. summer fruits + peaches b. summer fruits with peaches
c. summer fruits – peaches d. summer fruits and peaches

13 Use the ..... button to search using an image.
a. camera b. microphone
c. mouse d. printer

14 📖 When an unknown person sends you a warning message via the Internet, you must ..... .
a. ask your parents for help b. open the message
c. send a friend request to the sender d. publish the message

15 When searching for the question: how long is the River Nile, it is preferable to place it between ..... .
a. signs + + b. sign -
c. quotation marks " " d. signs # # (أبناؤنا في الخارج 2024)

16 To access websites online, you can use ..... .
a. Excel b. Word
c. PowerPoint d. a browser (الجيزة- حدائق أكتوبر 2025)

2 Put (✓) or (✗):

1 Some popular browsers have search engines set up just for children. ( ) (الإسكندرية - إدارة وسط 2024)

2 📖 By using images, you can search for information instead of words. ( ) (الغردقة 2025)

3 📖 Safe browsers send an alert to users when they try to visit banned site. ( ) (الإسكندرية - شرق 2025)

4 Learning smart search techniques is a waste of time. ( )

5 To ensure that your search does not include unwanted results, you can add the sign (+). (الإسكندرية - الجمرك 2024) ( )

6 📖 Browsers specialized for kids display content appropriate for their age. ( )

7 The quotation marks " " are used to summarize the search results that you want. (الإسكندرية-المنتزه ثانٍ 2025) ( )

8 While searching for a specific sentence, you can use the $ sign. (المنوفية - شبين الكوم 2025) ( )

9 The (+) sign is used to get unwanted results in the search process on the Internet. (الإسكندرية - إدارة شرق 2024) (بني سويف 2023) ( )

10 📖 Browsers specialized for kids allow parental control over their kids. ( )

11 📖 While searching online, you can use the (–) sign before words you want to avoid from the results. ( )

12 You should proceed to the site if you receive a warning message. ( )

13 We have to choose browsers that don't warn users when they download a harmful app. (الإسكندرية ـ وسط 2025) ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 A browser	a. if you would like the search engine to avoid this word.
2 Add the + sign before a word	b. is an application that helps you access websites online.
3 Add the – sign before a word	c. if you are searching for a particular phrase.
4 Put the statement inside " "	d. if you need these words to be included in your search.

1 ..... 2 ..... 3 ..... 4 .....

Lesson 4 Authorities Responsible for Solving Internet Problems

» If you face an online problem, who can help you?

إذا واجهت مشكلة عبر الإنترنت، من يستطيع مساعدتك؟

1 Online Bullying التنمر عبر الإنترنت

Bullying التنمر

It means that someone repeatedly posts or sends you hurtful messages.

يعني أن شخصًا ما ينشر أو يرسل لك رسائل مؤذية (فيها كلام جارح) بشكل متكرر.

» If you face online bullying:

1. Do not worry.
2. You can block the person who is bullying you.
3. You can go to your teacher or a family member for help.
4. You can also go to the General Department for Combating Internet Crimes; they will help you take all legal measures.

إذا تعرضت للتنمر الإلكتروني:

1. لا تقلق.
2. يمكنك حظر الشخص الذي يتنمر عليك.
3. يمكنك التوجه إلى معلمك أو أحد أفراد أسرتك للمساعدة.
4. يمكنك أيضًا التوجه إلى الإدارة العامة لمكافحة جرائم الإنترنت؛ وسيساعدونك في اتخاذ جميع الإجراءات القانونية.

Note:

» Bullying is a repeated, unkind behavior towards someone.

ملحوظة: التنمر سلوك غير مهذب متكرر تجاه شخص ما.

2 Online Identity Theft سرقة الهوية عبر الإنترنت

Identity Theft سرقة الهوية

» It means that someone stole your personal information, or your social media account, or your address, or your email, or your phone number and used it for bad purposes.

« يعني أن شخصًا ما سرق معلوماتك الشخصية أو حسابك على مواقع التواصل الاجتماعي أو عنوانك أو إيميلك أو رقم تليفونك، واستخدمه في أشياء سيئة.

» Internet problems are common, so to protect yourself from identity theft:

1. You must always protect your personal data.
2. Do not deal with unknown people.
3. Ask your family member for help if you face any online problem or other life problems.

« مشاكل الإنترنت شيء شائع، لذا لحماية نفسك من سرقة الهوية:

1 احرص دائمًا على حماية بياناتك الشخصية. 2 لا تتعامل مع أشخاص مجهولين.

3 اطلب المساعدة من أحد أفراد عائلتك إذا واجهت أي مشكلة على الإنترنت أو أي مشاكل حياتية أخرى.

أهم الكلمات والمصطلحات

Common	شائعة	Online identity theft	سرقة الهوية عبر الإنترنت
Combat ernet Crimes	مكافحة جرائم الإنترنت	Unkind behavior	سلوك غير مهذب
Bad pur	أغراض سيئة	Department	إدارة
Hurtful m ss ges	رسائل مؤذية	Repeated	متكرر
Online bullying	التنمر الإلكتروني	Block	حظر أو منع

CamScanner

Exercises on Lesson 4

1 Choose the correct answer:

1 ..... is a repeated, unkind behavior towards someone.

a. Hacking b. Identity theft

c. Bullying d. None of them

(الإسماعيلية 2025) (بورسعيد 2025) (القاهرة الجديدة 2024) (القاهرة - بدر 2024) (سوهاج 2023)

2 If you find an account with your name and personal photo on social media sites, this is considered ..... .

a. bullying b. a spam message

c. a virus d. identity theft (أبناؤنا في الخارج 2024)

3 Cyberbullying involves sending ..... messages.

a. happy b. hurtful c. funny d. short

4 If your friend sends you a friend request on a social networking site, you must ..... . (الإسكندرية - المنتزه أول 2024) (الإسكندرية - المنتزه ثانٍ 2023)

a. close the device b. delete the friend request

c. check his identity d. block him

5 If you are bullied on a social networking site, you should ..... .

a. tell your parents b. bully them c. both of them d. none of them

(الجيزة - الشيخ زايد 2023)

6 The person who bullies others is ..... .

a. kind b. brave c. polite d. unkind

7 ..... is someone impersonating your personal information on social media. (الجيزة - الشيخ زايد 2023)

a. Antivirus b. Download c. Identity theft d. None of them

8 If a stranger sends you a message to bully you, what should you do?

a. Share the message.
b. Block the person.
c. Bully them back.
d. None of them.

9 You shouldn't communicate with ..... on social media sites.

a. your school friend
b. a friend of yours
c. an unknown person
d. all of them (بني سويف 2023)

10 Someone using your personal information and social media accounts without permission is called ..... .

a. identity theft
b. experiments exchange
c. collaborative
d. critical thinking (الغردقة 2025)

11 ..... can include hurtful posts, messages, or texts.

a. Tagging
b. Bullying
c. Blocking
d. Spam (الإسكندرية - المنتزه أول 2025)

12 ..... in Egypt is responsible for dealing with all kinds of the Internet crimes.

a. The Ministry of Education
b. The Ministry of Communication
c. The Ministry of Education
d. The General Department for Combating Internet Crimes (المنيا 2023)

2 Put (✓) or (✗):

1 The best way to avoid Internet problems is not to use the Internet. ( )
(الإسكندرية - المنتزه أول 2025)

2 Online bullying is a repeated, kind behavior towards someone. ( )
(الجيزة - حدائق أكتوبر 2025)

3 Online bullying includes bad posts or bad messages. ( )
(الإسكندرية - المنتزه أول 2024) (الإسكندرية - المنتزه ثانٍ 2023)

4 Make sure not to contact anyone you don't know. ( )

5 Communication with an unknown person may expose you to bullying.

( ) (الدقهلية - طلخا 2023)

6 Identity theft means that someone is using your personal information.

( ) (الشرقية - العاشر من رمضان 2024)

7 You can ask your teacher for help in solving problems you face online.

( ) (بورسعيد 2025)

8 Identity theft is a repeated, unkind behavior towards someone.

( ) (المنوفية - شبين الكوم 2025)

9 Identity theft means that someone is using your personal data without permission. ( )

10 Internet problems are common, so you should protect yourself.

( )

11 It is safe to communicate with unknown people online. ( )

12 Take care of people you don't know on social media; they may communicate to steal your data. ( )

Test Yourself on Lessons 3&4

1 Choose the correct answer:

1. A website that includes ..... help you avoid inappropriate videos.
   a. cameras b. passwords c. filters d. none of them
2. Online bullying involves sending ..... messages.
   a. happy b. hurtful c. funny d. short
3. If you are looking for a specific sentence, put this sentence within ..... marks. (أبناؤنا في الخارج 2025)
   a. == b. – – c. " " d. ++
4. You may be at risk to ..... theft over the Internet. (أبناؤنا في الخارج 2024)
   a. tools b. books c. friends d. identity
5. ..... means using the personal data of someone without their permission.
   a. Bullying b. Virus c. Identity theft d. None of them
6. Child-friendly sites may include ..... to avoid seeing inappropriate videos.
   a. antivirus b. viruses c. filters d. videos
7. Bullying is a repeated, ... behavior towards someone.
   a. kind b. polite c. unkind d. both a and b

2 Put (✓) or (✗):

1. Online bullying can include text messages only. ( ) (الإسكندرية - المنتزه أول 2025)
2. The quotation marks " " are used to limit the search results you want. ( ) (البحيرة - أبو حمص 2024)
3. Internet problems are common. ( )
4. If someone is bullying you, you can block that person. ( )
5. To ensure that your search includes certain words, use the sign (-). ( ) (الغربية 2023)
6. You can use the image instead of words in your search engine. ( )
7. Annoying messages online are a type of bullying. ( )
8. All web browsers have search engines set up just for children. ( ) (السويس 2024)

November Exam on Lessons (1-4)

1 Choose the correct answer:

1 Your name and address are considered ..... . (سوهاج 2023)
a. spam b. blogs c. personal data d. hacking

2 The methods of online communication include .....
a. emails b. direct messages
c. forums d. all of them

3 To search for a specific sentence, use the ..... sign.
a. + b. - c. * * d. " "

4 You can collect data from ..... . (الجيزة– أوسيم 2024)
a. books only b. surveys only c. both a and b d. none of them

5 A/An ..... can damage your files and track your information.
a. antivirus b. virus c. both a and b d. none of them

6 You can ..... from the Internet and save them on your device.
a. download files b. block your friend
c. delete files d. none of them (أبو حمص 2024)

7 ..... is a feature used to tag one of your friends on social media sites.
a. Tagging b. Sending c. Sharing d. Liking (بورسعيد 2025)

2 Put (✓) or (✗):

1 We can make a graph using Excel. (الإسكندرية - إدارة وسط 2024) ( )
2 Tablets can be used for online communication. ( )
3 The overuse of technology devices may cause eye strain and headaches. (الغردقة 2025) ( )
4 When you share information, its source must be unknown. ( )
5 Choosing search words precisely helps us get the required search results. ( )
6 PowerPoint is used to create presentations. ( )
7 It is safe to communicate with unknown people online. ( )
8 You shouldn't click on links that you are unsure of. ( )

(الإسكندرية - إدارة وسط 2024)

Lesson 5

Digital Security

My Personal Digital Safety Plan

1 Creating Strong Passwords إنشاء كلمات مرور قوية

» To protect your devices or your accounts online, you must create strong passwords.

• Strong passwords:

1. Are difficult to guess or predict.
2. Are at least 8 characters.
3. Contain letters, numbers, and symbols.

« لحماية أجهزتك أو حساباتك على الإنترنت، يجب عليك إنشاء كلمات مرور قوية.

• كلمات المرور القوية:

1. يصعب تخمينها أو التنبؤ بها.
2. لا تقل عن ٨ أحرف.
3. تحتوي على أحرف وأرقام ورموز.

• Examples of strong passwords:

1. Ta@#9045.
2. Abg65@iu.
3. Mo5&re2i.

Notes:

1. Your password shouldn't include personal information, such as your name, birthday, or address.
2. Don't use the same password for all your accounts.
3. You can use a password manager app to create passwords and store them in a safe place.

• ملاحظات: 1 يجب ألا تتضمن كلمة مرورك معلومات شخصية (مثل: الاسم، تاريخ الميلاد، العنوان).

2 لا تستخدم كلمة مرور واحدة لجميع حساباتك.

3 يمكنك استخدام برنامج إدارة كلمات المرور لإنشاء كلمات مرور وحفظها في مكان آمن.

Choosing Antivirus Programs: اختيار برنامج مكافحة الفيروسات

» You should use antivirus software on your devices.

» Antivirus software can:

1. Detect viruses and harmful programs.
2. Fix damaged files.

» ينبغي عليك استخدام برنامج مكافحة فيروسات على أجهزتك لحمايتها.

» يستطيع برنامج مكافحة الفيروسات القيام بما يلي:

1. اكتشاف الفيروسات والبرامج الضارة.
2. إصلاح الملفات التالفة.

General Tips:

1. Use a strong and different password for each device and account.
2. Install antivirus software on all your devices.
3. Remeber that there are programs that offer tips to help you create secure passwords (password manager).

• إرشادات عامة:

1. استخدم كلمة مرور قوية ومختلفة لكل جهاز وحساب.
2. ثبت برنامج مكافحة فيروسات على جميع أجهزتك.
3. تذكر أن هناك برامج تقدم نصائح لمساعدتك في إنشاء كلمات مرور آمنة (مدير كلمات المرور).

أهم الكلمات والمصطلحات			
accounts	حسابات	Store	يخزن
Guess	يخمن	Hacking	القرصنة الإلكترونية
Hackers	قراصنة الكمبيوتر	Antivirus	مكافحة الفيروسات
Special characters	رموز خاصة	Password	كلمة المرور
Tips	نصائح	Symbols	رموز
Secure passwords	كلمات مرور آمنة	Devices	أجهزة

Exercises on Lesson 5

1 Choose the correct answer:

1 The password that contains your birth date is ..... .

a. strong b. safe c. weak d. recommended

(الجيزة - إدارة جنوب 2023)

2 It is better to choose ..... passwords for your different accounts.

(الجيزة - حدائق أكتوبر 2025) (أبناؤنا في الخارج 2024)

a. identical b. different c. similar d. random

3 A strong password must include at least ..... characters.

a. six b. eight c. ten d. four

4 The ..... program protects your devices from risks that cause harm.

a. Word b. PowerPoint c. antivirus d. virus

(الإسكندرية - المنتزه ثانٍ 2025) (الأزهر - منطقة القاهرة 2024)

5 A password manager helps ..... strong passwords.

a. create b. store c. share d. both a and b

6 📖 You can protect your personal accounts on the Internet by creating ..... .

a. strong passwords b. personal information

c. your home d. your date of birth

7 One of the strongest passwords from the following is ... . (الإسكندرية - المنتزه أول 2025)

a. Mostafa b. Azm@23y# c. 12345678 d. a2bz#35

8 📖 ..... enables someone to access your computer through the Internet.

a. Curiosity b. Hacking c. Sharing d. Bullying

9 You should protect your devices with ..... software. (الجيزة - العمرانية 2025)

a. small b. Word c. antivirus d. Excel

10 Your password shouldn't include ..... .

a. numbers
b. personal details
c. letters
d. symbols (الإسكندرية - إدارة شرق 2023)

11 One of the ways to be safe when using the Internet is using ..... passwords.

a. short
b. strong
c. different
d. both b and c

12 The software that removes viruses is called ..... .

a. antivirus
b. videos
c. presentation
d. spam

(الإسكندرية - إدارة شرق 2023)

13 Which of the following is a harmful program?

a. Virus
b. Antivirus
c. Windows
d. Excel

14 It is difficult to remember a lot of passwords, so use a ..... management system.

(أبناؤنا في الخارج 2024)

a. software
b. hardware
c. program
d. password

15 To create a strong password, it must include ..... .

a. letters only
b. numbers only
c. special characters
d. all of them (الإسكندرية - وسط 2023)

16 Some files on the Internet may have ..... that can damage your computer.

a. information
b. viruses
c. data
d. photos (الأزهر الشريف 2024)

2 Put (✓) or (✗):

1 Strong passwords are easy to guess. ( )

2 📖 It is important to have a strong password to protect your online accounts. (الإسكندرية - شرق 2025) ( )

3 📖 Viruses are useful software for your computer. ( )

4 📖 Antivirus is software that is used to protect your files from damage. (الإسماعيلية 2025) ( )

5 Make sure you choose strong passwords that nobody can guess.

(كفر الشيخ 2023) ( )

6 📖 The password (ABC123) is considered a strong password.

(البحيرة - دمنهور 2025) ( )

7 A good antivirus program can fix damaged files. ( )

(الإسكندرية-المنتزه أول 2025)

8 It is necessary to include letters, numbers, and special symbols in your passwords.

(الإسكندرية - المنتزه ثانٍ 2025) ( )

9 A strong password should be at least eight characters. ( )

(الإسكندرية-المنتزه أول 2025) (المنوفية - السادات 2023)

10 Use the same password for all your accounts. ( )

(الشرقية - العاشر من رمضان 2024)

11 📖 The password (Vtm!@QdvL756) is considered a strong password.

( )

12 The more difficult the password for your account, the greater the risk of being hacked.

(الإسكندرية - المنتزه ثانٍ 2025) ( )

3 Why are the following passwords unsafe to use?

Weak Password	Reason
1 Ahmed01288833775	.....
2 ad#@54t	.....
3 abcdefgh	.....
4 9-11-2000	.....

4 Are these passwords secure? Suggest ways they can be made more secure:

1 Abdelaziz456	2 dQvlvtM	3 abcl123	4 Password*1
.....	.....	.....	.....

Lesson 6

Practical Project

Tools for creating Digital Reports

1 PowerPoint Program:

- The PowerPoint program is used to create presentations.
- You can add text, pictures, and fun sound effects to your digital report.
- You can present your information in a clear and attractive way.

- برنامج باوربوينت: يستخدم برنامج باوربوينت لإنشاء العروض التقديمية.
- يمكنك إضافة نصوص وصور ومؤثرات صوتية ممتعة إلى تقريرك.
- يمكنك عرض معلوماتك بطريقة واضحة وجذابة.

2 Video Conference

- It allows real-time (instant) communication between people using computer accessories, such as a camera.
- There are many devices that come with built-in camera, such as portable devices: laptops, mobile phones, and tablets.

- تسمح محادثات الفيديو بإجراء محادثات فورية بين الأشخاص باستخدام ملحقات الكمبيوتر مثل: الكاميرا.
- هناك الكثير من الأجهزة مزودة بكاميرات مدمجة، مثل الأجهزة المحمولة (اللاب توب، الهواتف المحمولة والتابلت).

Digital Safety and Security Precautions

Note:

- You can discuss your digital report through a video conference.
- يمكنك مناقشة تقريرك الرقمي عبر محادثة الفيديو.

3 Advertising Poster الملصق الإعلاني

- You can create a poster that includes the report you have prepared.
- When you prepare the poster, choose fun colors, drawings, photos, or cutouts.
- Make sure the text is easy to read.
- Make sure the font sizes of headings and subheadings are consistent.
- Always remember to credit the sources of the information you obtained.

- يمكنك إنشاء ملصق يتضمن التقرير الذي قمت بإعداده.
- عند إعداد الملصق اختر ألوانًا جذابة، ورسومات، وصورًا، وقصصًا.
- تأكد من سهولة قراءة النص.
- تأكد من تناسق حجم الخطوط للعناوين الرئيسية والعناوين الفرعية.
- تذكر دائمًا توثيق مصادر المعلومات التي حصلت عليها.

- At the end of this lesson, you can present your report in a creative way using:
  1. A PowerPoint presentation.
  2. A video conference.
  3. An advertising poster.

- في نهاية هذا الدرس، يمكنك تقديم تقريرك بطريقة إبداعية باستخدام: عرض تقديمي، محادثة فيديو وملصق إعلاني.

أهم الكلمات والمصطلحات

Digital reports	تقارير رقمية	Cutout	صورة مقطوعة من مجلة
Poster	ملصق		

Exercises on Lesson 6

1 Choose the correct answer:

1 You can prepare digital reports about the subject of your studies using .....

(القاهرة – حدائق القبة 2023)

a. PowerPoint
b. a video conference
c. posters
d. all of them

2 Use the ..... program to prepare an interesting and attractive presentation.

(بورسعيد 2025)

a. Word
b. PowerPoint
c. Excel
d. Paint

3 A ..... is required to conduct a video conference.

a. printer
b. camera
c. scanner
d. none of them

4 ..... is a fun way to create a digital report as sound effects can be added.

(المنوفية - شبين الكوم 2023) (القليوبية 2025)

a. Word
b. Excel
c. PowerPoint
d. A poster

5 Using PowerPoint, you can add ..... .

(الإسكندرية - المنتزه أول 2025)

a. texts only
b. sounds only
c. pictures only
d. all of them

6 When you are creating a poster, make sure the text is .....

a. too big
b. too small
c. easy to read
d. none of them

7 To create a creative poster, you should choose ..... .

a. fun colors
b. photos
c. cutouts
d. all of them

2 Put (✓) or (✗):

1 You can use PowerPoint, video conference, or posters to present your digital report. ( )

2 PowerPoint presentations should only contain text with no effects. ( )

3 Excel is a Microsoft program that creates presentations. ( )

4 You can present your digital reports through video communication. ( )

5 When you are designing a poster, there is no need to credit the sources. ( )

6 Laptops often have built-in cameras for video communication. ( )

7 Always make sure that the text is small enough in your poster. ( )

(الإسكندرية - المنتزه أول 2025) (الشرقية 2023)

8 Make sure the font sizes of the headings and subheadings in a poster are consistent. ( )

9 Crediting sources of information is not important when creating a report. ( )

10 When creating a poster, always make sure that the text is easy to read. ( ) (الإسكندرية - المنتزه ثانٍ 2023)

11 Posters should include fun colors, drawings, photos, or cutouts to attract people. ( ) (سوهاج 2025)

12 PowerPoint doesn't allow adding effects or images to the slides. ( ) (الغردقة 2025)

13 You can make a video conference to present your research. ( ) (الأزهر الشريف 2023)

Test Yourself on Lessons 5&6

1 Choose the correct answer:

1 To create a strong password, it must contain not less than ..... characters. (الإسكندرية - العجمي 2024)
a. 3 b. 5 c. 6 d. 8

2 A ..... can causes big problems, so you have to use antivirus.
a. speaker b. computer virus
c. microphone d. printer (السويس 2024)

3 Which of the following passwords is considered weak?
a. Omar b. @bdEla77#
c. 123$RsheE& d. as7m@efi8ef (القليوبية 2025)

4 Creating a weak password leads to ..... . (الإسكندرية - المنتزه أول 2024)
a. identity theft b. hacking c. security d. both a and b

5 Always use ..... software to protect your devices. (القاهرة - عين شمس 2024)
a. a microphone b. a mouse c. antivirus d. spam

6 When creating a poster, make sure the text is .....
a. too big b. too small c. easy to read d. none of them

7 ..... allows real-time communication between people.
a. PowerPoint b. A poster c. A video d. None of them

2 Put (✓) or (✗): (القليوبية 2024)

1 A strong password includes letters only. (الإسكندرية - إدارة وسط 2024) ( )

2 PowerPoint is a fun way to present digital reports. (الجيزة - العمرانية 2025) ( )

3 Word is great for designing presentations. (كفر الشيخ - بلطيم 2024) ( )

4 Good antivirus programs are used to protect your device from risks. (الجيزة - كرداسة 2024) ( )

5 You should have a device with a camera to make a video call. ( )

6 Your password should include your name. (بلدر - دمنهور 2024) ( )

7 PowerPoint is used to make presentations. (الإسكندرية - المنتزه أول 2025) ( )

8 Sharing your password with others is secure. (أسيوط 2024) ( )

Summary of Unit 2 — Digital Safety and Security Precautions

Lesson 1

- People can communicate through:
  1. Instant messages
  2. Emails
  3. Direct messages
  4. Forums
- Personal information: It includes your name, address, school name, and date of birth.
- Be kind with others.
- Never share any personal information unless you ask your teacher or a family member first.
- Don't click on links that you are unsure of.
- If you view an inappropriate site:
  1. Leave the site.
  2. Tell your teacher or a family member.
- Check the website and the link before you download a file. It may have a virus that damages your device or tracks your information.
- If you are not sure of the website and link, don't download the file.
- Check your privacy settings on social media sites.

Lesson 2

- When you tag someone, you identify that person in the post.
- Make sure you respect the people you tag by asking your friends first if they agree to be tagged before you post.
- It is important to credit the sources of the information you share.
- Banned sites may publish inaccurate, immoral, and harmful material.
  1. Don't go on banned sites.
  2. Ask your teacher or a family member before you go on a new site.

- The Positive effect of ICT: Information can be accessed easily.
- The Negative effects of ICT:
  1. You may come across something online that upsets you.
  2. Eye strain and headaches.
  3. Some search results don't always give the right answer.

Lesson 3

- Choose browsers that warn users before they enter an unsafe site or download a harmful app.
- If you get a warning message:
  1. Avoid dealing with that site again.
  2. Talk to your teacher or a family member.
- Some browsers have search engines set up just for children:
  1. They show only results that are age-appropriate.
  2. They also include a parental control app.
  3. They include helpful safety tips for children.
- There are websites that include filters to avoid inappropriate videos.
- You can search smartly using words or images.
- If you are looking for information about an image, you can search by the image.
- Putting the (+) sign before a word: to include the word.
- Putting the (-) sign before the word: to avoid the word.
- Putting a phrase inside the quotation marks " " narrows your search to the exact result.

Lesson 4

» **Bullying:**

It's when someone repeatedly posts or sends hurtful messages about you.

» **How to avoid online bullying:**

1. Block the person who is bullying you.
2. Ask your teacher or a family member for help.
3. Contact the Department of Combating Internet Crimes.

» **Internet problems are common, so:**

1. You must always protect your personal data.
2. Do not deal with unknown people.
3. Ask a family member for help.

Lesson 5

» It is important to have strong passwords.

» **To create a strong password:**

1. Use different passwords for your accounts.
2. Use a password manager or a list to remember your passwords.
3. A password shouldn't include personal details.
4. It should include at least 8 characters.
5. It should include letters, numbers, and special characters (#,@).

» You should use antivirus software to protect your devices because it can do the following:

1. It catches (detects) viruses and harmful programs.
2. It can also fix damaged files.

CamScanner

Lesson 6

» To create a digital report you can use:

1 PowerPoint:

» The PowerPoint program is used to create presentations.

» You can add text, pictures, and fun sound effects to your digital report.

» You can present your information in a clear and attractive way.

2 Video Conference:

» It allows real-time (instant) communication between people using computer accessories, such as a camera and microphone.

» There are many devices that come with a built-in camera, such as portable devices: laptops, mobile phones, and tablets.

3 Poster:

» You can create a poster that includes the report you have prepared.

» When preparing the poster, choose fun colors, drawings, photos, and cutouts.

» Make sure the text is easy to read.

» Make sure the font sizes of headings and subheadings are consistent.

» Always remember to credit the sources of the information you obtained.

Revision on Unit 2 Digital Safety and Security Precautions

Model Exam 1

1 Choose the correct answer:

1. Online communication uses various devices, including .....
   a. computers b. phones c. tablets d. all of them
2. Personal information includes your ..... .
   a. name b. passwords
   c. phone number d. all of them (الإسماعيلية 2025)
3. When searching for a specific sentence, we put this sentence between ..... .
   a. + b. - c. " " d. @ (سوهاج 2023)
4. When someone uses your personal information, this is ..... .
   a. bullying b. identity theft
   c. a spam d. a virus (الإسكندرية - المنتزه أول 2025)
5. If you enter an unsafe website accidentally, you should .....
   a. ignore it b. explore it
   c. leave it d. download it

2 Put (✓) or (✗):

1. There is special video software that you can download to make your video more efficient. (المنيا - مغاغة 2024) ( )
2. You cannot search using images instead of words. ( )
3. Using your birth date in a password makes it strong. (الجيزة - بولاق الدكرور 2024) ( )
4. The Internet helps us find the information we want. (الأقصر 2023) ( )
5. The General Department for Combating Internet Crimes can help protect you from cyberbullying. (القاهرة - عين شمس 2024) (الإسكندرية - المنتزه أول 2025) ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Banned sites	a. means identifying someone in an online post, image, or video.
2 Tagging	b. is a repeated, unkind behavior towards someone.
3 A virus	c. is a harmful small program that infects your device.
4 Personal information	d. may include your address or your name.
5 Bullying	e. may contain inaccurate, immoral, or harmful content.

1 ..... 2 ..... 3 ..... 4 ..... 5 .....

Model Exam 2

1 Choose the correct answer:

1 ..... is a repeated, unkind behavior towards someone.

a. Hacking b. Identity theft

c. Bullying d. Piracy (الإسكندرية - إدارة وسط 2024)

2 Online communication includes ..... .

a. instant messages b. emails c. forums d. all of them

3 It is possible that there are viruses on your device if you ..... .

a. click on unknown links b. browse the EKB

c. read books d. send an email (الشرقية 2024)

4 If you are looking for a specific sentence, put this sentence within the ..... marks. (أبناؤنا في الخارج 2025)

a. == b. -- c. " " d. ++

5 You should check your ..... on social media sites.

a. privacy settings b. friends list c. posts d. likes

2 Put (✓) or (✗):

1. Using the "+" sign before a word helps exclude it from the search results. ( )
2. The password "123abc" is considered a strong password. (الإسماعيلية 2025) ( )
3. All Google search results are always accurate. ( )
4. Don't visit banned sites; they may publish inaccurate, immoral materials. (السويس 2024) ( )
5. Tagging someone without their permission is acceptable. ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Instant messaging	a. prevents unwanted people from viewing your posts.
2 Blocking	b. means identifying a person in your post.
3 A poster	c. protects your device from viruses.
4 Antivirus	d. is one of the ways to communicate with your friends.
5 The tag	e. uses texts with fun colors and drawings.

1 ..... 2 ..... 3 ..... 4 ..... 5 .....

Model Exam 3

1 Choose the correct answer:

1. When you use the Internet, don't go to ..... sites.
   a. banned b. sports
   c. food d. educational (الإسكندرية - برج العرب 2024)
2. Some individuals communicate online to steal your ..... .
   a. personal information b. games
   c. food d. phone (الشرقية - ههيا 2023)

3 If you want to ignore the results with a keyword, type ..... before the word. (الجيزة- حدائق أكتوبر 2025)

a. (-) b. (+) c. (/) d. (*)

4 The ..... program protects your devices from risks that may harm it.

a. Word b. PowerPoint

c. MS Excel d. antivirus (الإسكندرية - المنتزه ثانٍ 2024)

5 If it is difficult for you to remember all your passwords, you can use .....

a. a password manager b. antivirus

c. PowerPoint d. Excel (الجيزة - الصف 2024)

2 Put (✓) or (✗):

1 You must ask for permission before posting any information related to your friends. (الإسكندرية - المنتزه ثانٍ 2025) ( )

2 Personal computers and laptops are considered ICT tools.

(الإسكندرية - شرق 2025) ( )

3 Viruses can track your information. (سوهاج 2023) ( )

4 You should choose a browser that sends warnings to the user. ( )

(الإسكندرية - المنتزه أول 2025)

5 When you block someone, they can see your posts. ( )

(الإسماعيلية 2025)

3 Complete the following sentences with the suitable words between the brackets:

(kids search - strong passwords - download - eye strain - Antivirus)

1 ..... software is used to protect your files on the computer from damage.

(البحيرة - دمنهور 2025)

2 Using a ..... engine is one of the ways for kids to search online.

3 The positive effect of ICT tools is that you can ..... videos and images.

4 Spending too much time using technology causes ..... (الغربية - طنطا 2024)

5 You can protect your personal accounts by creating ..... (بورسعيد 2025)

Model Exam 4

1 Choose the correct answer:

1 When searching for information online, you should not enter ..... websites because they might be harmful.

a. accurate b. banned c. safe d. trusted

(أبناؤنا في الخارج 2025)

2 It is necessary that your password contains letters, ...

a. numbers, and special symbols b. your name, and address

c. your family name, and address d. data theft (الإسكندرية- المنتزه ثانٍ 2025)

3 The advantages of ICT tools include .....

a. bullying your friends b. helping people of determination

c. excess usage of electronic devices d. data theft (الإسكندرية - المنتزه ثانٍ 2025)

4 ..... is the fun way to present your ideas to others

a. PowerPoint b. Word c. Excel d. Paint

(الإسكندرية - المنتزه أول 2025)

5 ..... is preventing someone from accessing your posts or contacting you.

a. Tagging b. Blocking c. Spam d. Personal data

(الإسكندرية - المنتزه أول 2025)

2 Put (✓) or (✗):

1 When you tag someone, they can't see your post. (القليوبية 2025) ( )

2 The overuse of technology devices may cause eye strain and headaches. (الغردقة 2025) ( )

3 To ensure that your search includes certain words, use the sign (–). ( )

4 You can download files on your device without an Internet service. (الإسكندرية - المنتزه أول 2024) ( )

5 Saving videos on your device is called downloading. (الإسكندرية - العجمي 2025) ( )

3 Choose from column (A) what suits it in column (B):

Column (A)	Column (B)
1 Cyberbullying	a. is when someone uses your personal information without permission.
2 Your personal information	b. presents your ideas through bright colors, graphics, images, and shapes.
3 Antivirus programs	c. help you protect your device.
4 Identity theft	d. include your name, address, and birthdate.
5 An advertising poster	e. is when someone repeatedly send hurtful messages to someone.

1 ..... 2 ..... 3 ..... 4 ..... 5 .....

Model Exam 5

1 Choose the correct answer:

1 It is necessary to have a/an ..... program on your electronic device to protect it. (أبناؤنا في الخارج 2025)

a. Word b. Excel c. Paint d. antivirus

2 Your address, name, and school name are examples of your ..... .

a. public data b. personal information

c. social details d. none of them

3 One of the negative effects of using ICT tools is ..... .(الجيزة - العمرانية 2025)

a. eye strain b. downloading videos

c. updated news d. downloading images

4 A strong password should contain at least ..... characters.

a. 4 b. 6 c. 8 d. 10

5 You shouldn't communicate with ..... on social media sites.

a. your school friends
b. a friend of yours
c. your relatives
d. an unknown person who wants you to share your information

2 Put (✓) or (✗):

1 Always respect the law when using the Internet. ( ) (الإسكندرية - المنتزه أول 2025)

2 Bullying is a repeated, unkind behavior towards someone. ( )

3 You have to check the website before you download a file. ( ) (الإسكندرية - وسط 2025)

4 When publishing information on the Internet, the source of information must not be mentioned. ( ) (قنا 2025)

5 When creating a poster, always make sure that the text is easy to read. ( ) (الإسكندرية - المنتزه أول 2024)

3 Complete the following sentences with the suitable words between the brackets:

(hacking – Browsers – crediting sources – Bullying – «+» sign)

1 The ..... is used before a word to include it in the search results.

2 Using an easy password may expose you to .....

(الغربية-طنطا 2025)

3 ..... that are designed for children display content appropriate for their age.

(البحيرة - دمنهور 2025)

4 Mentioning the sources of information that you use or share is called .....

(الغربية - طنطا 2025)

5 ..... is a person's behavior in a bad manner towards another person repeatedly.

(قنا 2025)

Final Exams

1 مقالة الفيزة - إدارة مدارس الكورنيش الإعدادية 2025

1 Put (✓) or (✗):

1. A laptop is bigger than a personal computer. ( )
2. Excel is a Microsoft program that creates a slideshow. ( )
3. When someone is blocked, they cannot see your posts. ( )
4. Using the search box helps you find any file on your PC. ( )
5. You should use ICT tools wisely and ethically. ( )
6. The screen is an input device. ( )
7. The spam includes unwanted messages. ( )
8. ICT tools have positive effects only. ( )
9. The most common graph is the column (bar) graph. ( )
10. Satellites are used underground. ( )
11. Bullying is a repeated, kind behavior towards someone. ( )
12. Windows is one of the most famous computer operating systems. ( )

2 Choose the correct answer:

1. The first step of solving any problem is ..... the data.
   a. graphing b. collecting c. analyzing d. reviewing
2. You should make sure that only ..... can view your information.
   a. your friends b. your family c. strangers d. both a and b
3. When you download a file, you save it on the .....
   a. Internet b. cloud c. computer d. all of them
4. Spending a lot of time using technology makes you feel .....
   a. happy b. lazy c. active d. healthy
5. The ..... is used to detect old coins underground.
   a. drone b. magnetometer
   c. GPS d. none of them
6. WordArt in PowerPoint makes texts look .....
   a. smaller b. boring c. interesting d. dull

7 It is better to choose ..... passwords for your accounts on the sites.
a. different b. identical c. similar d. random

8 The ..... allows blind people to use the computer.
a. Printer b. keyboard c. braille terminal d. mouse

9 To access websites online, you can use ..... .
a. Excel b. Word c. PowerPoint d. a browser

10 Press and hold the Ctrl + Alt + Del buttons when ..... .
a. you can't find a file b. the screen freezes
c. an app won't open d. none of them

11 ..... programs protect your devices from risks that may harm them.
a. Word b. Antivirus c. PowerPoint d. Excel

12 If you want to ignore the results with a keyword, type the sign ..... before the word.
a. (-) b. (+) c. (/) d. (*)

2 محافظة الجيزة - إدارة العمرانية التعليمية 2025

1 Put (✓) or (✗):

1 GPS is used to find places you might need to visit. ( )
2 Input devices in computers work on processing data. ( )
3 The CPU is a type of software. ( )
4 ICT tools can help us do a lot of tasks. ( )
5 When someone is blocked, they can see your posts. ( )
6 The operating system is not necessary to deal with the computer. ( )
7 A browser is used to search on the Internet. ( )
8 Books and magazines are sources of data collection. ( )
9 The PowerPoint app is a fun way to present others' ideas. ( )
10 Spam mails include unwanted messages to advertise products. ( )

2 Choose the correct answer:

1. You should protect your devices with ..... software.
   a. a small b. Word c. antivirus d. Excel
2. The ..... is a device that allows non-speakers to speak.
   a. mouse b. printer
   c. microphone d. speech synthesizer
3. You can use the ..... program to write your school homework.
   a. PowerPoint b. Word c. Excel d. Paint
4. One of the negative effects of using ICT tools is ..... .
   a. eye strain b. downloading videos
   c. updated news d. downloading images
5. A common graph is the ..... graph.
   a. circle b. horizontal c. line d. bar
6. Your ..... include(s) your name, address, and your date of birth.
   a. personal data b. spam c. downloads d. books
7. Information is considered the processing product of ..... .
   a. data b. books c. emails d. pens
8. The speakers allow ..... .
   a. input audio data b. output audio data
   c. printing papers d. writing data
9. ..... helps people of determination in their daily lives.
   a. A keyboard b. A screen c. Assistive technology d. A mouse
10. ..... terminal is a way to read text for blind people by touching it.
    a. Earpiece b. Screen
    c. Braille d. Microphone

3 محافظة القليوبية 2025

1 Put (✓) or (✗):

1. When you tag someone, they can see your post. ( )
2. It's not important to credit sources that provide you with information. ( )
3. Your password must include your name. ( )
4. Drones are used to photograph specific places. ( )
5. There are two types of books: printed and digital. ( )
6. The CPU is a type of software. ( )
7. You will be safe online if you share your personal data. ( )
8. You must respect the privacy of people and ask them before posting. ( )

2 Choose the correct answer:

1. A ..... helps people of a missing limb to practice their daily lives.
   a. prosthetic leg **b.** camera **c.** hearing aid **d.** mobile
2. Which of the following passwords is considered a weak password?
   a. Omar **b.** @bdEla77#
   c. 123$RsheE& **d.** as7m@efi8ef
3. Press and hold the "Ctrl + Alt + Del" buttons together when ..... .
   a. opening apps **b.** you cannot find a file
   c. the screen freezes **d.** none of them
4. To search for an exact sentence, we put the sentence between ..... .
   a. @ @ **b.** " " **c.** & & **d.** / /
5. ..... is a fun way to present your idea as sound effects can be added.
   a. Excel **b.** Word **c.** PowerPoint **d.** Paint
6. The ..... measures the magnetic field.
   a. drone **b.** magnetometer
   c. satellite **d.** GPS
7. A/An ..... mail includes unwanted messages to advertise products.
   a. spam **b.** instant **c.** direct **d.** formal

4 محافظة الإسكندرية - إدارة وسط التعليمية 2025

1 Put (✓) or (✗):

1 If the mouse isn't working, you have to buy a new keyboard. ( )
2 You have to check the website before you download a file. ( )
3 You can mention a friend on social media sites using the tag. ( )
4 If the screen freezes, press and hold "Ctrl, Alt, and Home". ( )
5 If someone steals your identity, he can use your personal information. ( )
6 ICT tools have negative consequences as you can get eye strain for using your device for too long. ( )
7 It's necessary to know the identity of the person you're communicating online with. ( )
8 We have to choose browsers that do not warn users when they download a harmful app. ( )
9 Viruses are useful software for your computer. ( )
10 We can collect data from books. ( )

2 Choose the correct answer:

1 When someone repeats unkind behavior towards another person, this means it's ..... .

a. brain storming b. cooperation
c. bullying d. none of them

2 The tools that archaeologists use to explore the Earth are ..... .

a. Ground Penetrating Radars b. magnetometers
c. GPS d. all of them

3 The operating system sends data to the ..... .

a. central processing unit (CPU) b. screen
c. Word d. keyboard

4 To create a strong password, it must include ..... .

a. letters only
b. numbers only
c. special characters
d. all of them

5 To input ..... to computers, we use the keyboard.

a. videos
b. letters and numbers
c. images
d. sounds

3 Complete the following sentences using the words below:

(drone - Braille terminal - Windows - Hearing aids - Excel - Hacker)

1 ..... help people who have trouble hearing.

2 ..... is considered one of the operating software.

3 A ..... is a device that allows you to take photograph images.

4 You can draw graph on a computer using ..... .

5 ..... is a device that allows blind people to use the computer.

5 محافظة الإسكندرية - إدارة شرق التعليمية 2025

1 Choose the correct answer:

1 The ..... program is considered one of the operating systems.

a. Excel
b. Windows
c. PowerPoint
d. Word

2 You can solve the problem of screen freezing by pressing ..... .

a. Alt + Ctrl + Del
b. Alt + shift
c. Alt + F8
d. F10 + Del

3 The ..... is a device that allows you to take photograph images.

a. Magnetometer
b. Ground Penetrating Radar (GPR)
c. Global Positing System (GPS)
d. Drone

4 Which of the following programs do you prefer to create a graph?

a. PowerPoint
b. Paint
c. Word
d. Excel

5 ..... is a device that allows blind people to use the computer.

a. Braille terminal b. A mouse c. A keyboard d. A printer

6 ..... help(s) the visually impaired (poor vision) to interact with the computer screen and enlarge (zoom in) it.

a. Hearing aids b. Screen enlargement (zoom) software

c. Sports tools d. Communication tools

7 If video files have been sent by an unknown on your social media account, you must ..... .

a. download the file to watch it

b. tell your parents and don't open the file

c. tell your friends

d. open the file first, then tell your parents

8 The sign ..... is used while searching on the Internet before words that you want to avoid (exclude) in the search results.

a. (-) b. (+) c. (#) d. (/)

9 ..... is/are the negative effects of using ICT tools.

a. Accessing information easily

b. communication with friends anytime anywhere

c. Eye strain and headaches

d. Accessing later news

10 ..... is when someone repeatedly behaves badly towards another person.

a. Brain storming b. Bullying

c. Cooperation d. Experience

2 Put (✓) or (✗):

1 A common graph is a bar graph. ( )

2 Spam is an electronic message from an unknown email that contains an advertisement. ( )

3 You can't ask your teacher for help with solving the problems you face online. ( )

4 When you share information on the Internet, you must mention its source. ( )

5 It is important to have a strong password to protect your online accounts. ( )

6 Personal computers and laptops are considered ICT tools. ( )

7 Safe browsers send an alert to users when they try to visit a banned site. ( )

8 The PowerPoint program does not allow adding images and effects to the slides. ( )

9 The computer is an electronic device for storing and processing data. ( )

10 Albert Lin is an engineer. ( )

6 محافظة الإسكندرية - إدارة العجمي التعليمية 2025

1 Put (✓) or (✗):

1 Speakers are used to output images. ( )

2 Saving videos on your device is called downloading. ( )

3 Albert Lin uses technological tools to explore archaeological sites. ( )

4 You should respect the law while using the Internet. ( )

5 Hearing aids are devices that help people who have speech problems. ( )

6 One of the negative effects of using ICT is to communicate with your friends. ( )

7 Alternative communication software helps people with poor vision. ( )

2 Choose the coreect answers:

1 A ..... is used to find metals underground.

a. poster b. mouse c. magnetometer d. satellite

2 The ..... allows non-speaking people to speak.

a. microphone b. speech synthesizer

c. braille terminal d. speaker

3 The ..... is responsible for processing data.

a. mouse b. operating system

c. keyboard d. CPU

4 After analyzing the data, you can ..... it.

a. collect b. share c. graph d. send

5 Press "Alt + Ctrl + Del" buttons when ..... .

a. an app won't open b. the screen freezes

c. you can't find a file d. searching

6 The ..... mail Includes unwanted message to advertise products.

a. spam b. advertisement

c. SMS d. banned site

7 If someone makes you feel unsafe, you can ..... that person.

a. tag b. block c. communicate d. contact

8 ..... is a Microsoft program that creates presentations.

a. Word b. Excel c. Paint d. PowerPoint

7 محافظة الإسكندرية - إدارة المنتزه أول التعليمية نموذج (١) 2025

1 Put (✓) or (✗):

1 CPU is a type of software. ( )

2 Archaeologists rely on two types of tools, above ground and underground. ( )

3 The data entry process is the last stage of accessing information. ( )

4 Alternate software communication helps determine people communicate orally and linguist. ( )

5 Restarting the device helps to solve problems. ( )

6 Surveys are one of the most common sources of data collection. ( )

7 Blocking is one of the ways to communicate with your colleagues on the Internet. ( )

8 One of the Negative effects of ICT tools is communicated with friends. ( )

9 Pictures can be used instead of words in the search process. ( )

10 It is important to credit sources when you are looking for information to post. ( )

11 Online bullying can include text messages only. ( )

12 The word Art makes your presentation more interesting. ( )

2 Choose the correct answer:

1 ..... is a device that relies on satellites to detect the locations of things.

a. Measuring the magnetic field b. GPR

c. GPS d. Satellite

2 The ..... displays visual data: text, images, and videos.

a. speaker b. screen c. scanner d. printer

3 Types of computers include ..... .

a. personal computers b. tablets

c. laptops d. all of them

4 The operating system sends data to the .....

a. keyboard b. screen c. speaker d. CPU

5 Technology that helps people of determination to carry out their daily tasks is called ..... .

a. assistive technology b. magnetometer

c. operating system d. software

6 If you can't find a picture, search in ..... folder.

a. Documents b. Pictures c. Videos d. Downloads

7 The sources of digital data collection include ..... .

a. electronic books b. print books

c. digital logs d. all of them

8 You can draw graphs on a computer using ..... .

a. PowerPoint b. Word c. Excel d. Paint

9 The virus can ..... .

a. damage your files b. damage the mouse

c. connect to the Internet d. help your files

10 The spam mail includes unwanted messages, and it may include .....

a. an unfamiliar address b. an unknown link

c. personal data d. both a & b

11 The entry of unknown people into your account on the Internet is called ..... .

a. bullying b. downloading

c. identity theft d. tagging

12 Using ..... is a fun way to present your ideas to others.

a. PowerPoint b. Word c. Excel d. Paint

8 محافظة الإسكندرية - إدارة المنتزه أول التعليمية نموذج (2) 2025

1 Put (✓) or (✗):

1 Magnetometer is used to determine places via satellites. ( )

2 The keyboard is used to extract data. ( )

3 The operating system is necessary to run the computer. ( )

4 Screen magnification software does not help poor vision. ( )

5 Your personal data must be shared for all users to see. ( )

6 You can download files on your device without Internet. ( )

7 Always respect the law when using the Internet. ( )

8 ICT tools have positive effects all the time. ( )

9 The best way to avoid Internet problems is not to use Internet. ( )

10 Your password must include your name. ( )

11 The anti-virus software can fix the damaged file. ( )

12 Always make sure that the text is small enough in your poster. ( )

2 Choose the correct answer:

1 The ..... allows us to output audio clips.

a. screen b. microphone

c. speaker d. keyboard

2 The ..... is an electronic device that receives data and processes it into information.

a. scanner b. computer c. CPU d. screen

3 The ..... program is used for writing reports to your school.

a. PowerPoint b. Word c. Excel d. Paint

4 If the screen freezes, press and hold ..... .

a. Alt + Ctrl + Del b. Ctrl + Shift + Del

c. Folders d. Home button

5 When collecting data, always be sure to use ..... sources.

a. available b. funny c. trusted d. none of them

6 Ways to communicate online include ..... .

a. computers b. text messages

c. phones d. all of them

7 If someone uses your personal information, this means it's ..... .

a. bullying b. identity theft

c. a spam d. a virus

8 when you ..... someone, this identifies that person in a post, photo, or video.

a. block b. tag c. bully d. all of them

9 The ..... program protects your devices from the virus that may harm them.

a. Word b. antivirus c. Excel d. Paint

10 A ..... is a list that is compiled based on a search.

a. browser b. search engine

c. result d. software

11 Using PowerPoint you can add ..... .

a. text only b. sounds only

c. text, pictures, and sounds d. pictures only

12 Your password must include ..... .

a. numbers only

b. letters only

c. numbers, letters, and special symbols

d. none of them

9 محافظة الإسكندرية - إدارة المنتزه أول التعليمية نموذج (3) 2025

1 Put (✓) or (✗):

1 The GPR device is used to find objects under the surface of the Earth. ( )

2 The scanner is used to print images from your computer on paper. ( )

3 The operating system sends data to the CPU. ( )

4 A football that makes noise is an assistive technology. ( )

5 You can't collect data from a variety of sources. ( )

6 When you block someone, that person won't see what you post. ( )

7 You should choose the browser that sends warnings to the user. ( )

8 Clicking on an unknown link may download useful programs to your computer. ( )

9 A browser is software application that is used for accessing information on the Internet. ( )

10 A strong password should be at least eight characters. ( )

11 PowerPoint program is used to make presentations. ( )

12 We can analyze data in order to organize it in a graph. ( )

2 Choose the correct answer:

1 ..... is a repeated, unkind behavior towards someone.

a. Bullying
b. Personal information
c. Tagging
d. Identity

2 ..... is a software that carries out web search.

a. A browser
b. A search engine
c. A result
d. Paint

3 Preventing someone from accessing your posts or contacting you is ..... .

a. communication
b. blocking
c. spam
d. personal data

4 Your ..... includes your name, address, and your date of birth.

a. Personal data
b. link
c. download
d. spam

5 You can collect data from a variety of sources, such as ..... .

a. social media
b. record, logs, and reports
c. interviews
d. blogs

6 Uninstall and reinstall the app when the ..... .

a. app won't open
b. mouse won't work
c. screen freezes
d. all of them

7 ..... can turn text to speech and speech to text.

a. Screen magnification
b. Sporting tools
c. Alternate communication
d. Hearing aids

8 A ..... is used to print the text and images on paper.

a. screen
b. printer
c. scanner
d. speaker

9 Archaeologists depend on ..... to search for metals underground.

a. Global Positioning System (GPS)
b. planes
c. photographs
d. magnetometers

10 Spending too much time using technology causes ..... .

a. permanent activity
b. positive results

c. eye strain
d. privacy

11 To search for an exact sentence, we put the sentence between ..... marks.
a. (+)
b. (-)
c. " "
d. @

12 One of the strongest passwords is ..... .
a. MOSTFA
b. 12345678
c. Ahmed @3#
d. 123ALI

محافظة الإسكندرية - إدارة المنتزه ثانٍ التعليمية 2025

10

1 Put (✓) or (✗):

1 Information is the final result we get after processing the data. ( )
2 The Earth's penetrating radar is used to detect underground bodies. ( )
3 You can see what you're doing in your device by looking at the display screen. ( )
4 When someone is blocked, they can see your posts. ( )
5 You must ask for permission before posting any information related to your friends. ( )
6 Good antivirus programs are used to protect your device from risks that may harm it. ( )
7 The more difficult the password for your account is, the greater the risk that you will be hacked by others. ( )

2 Choose the correct answer:

1 Messages calling for unreal advertisements on your email are ..... .
a. downloaded files
b. spam
c. personal data
d. data theft

2 The ..... is used to copy paper inside the computer.
a. display screen
b. speech installer
c. scanner
d. data theft

3 One of the advantages of ICT tools is ..... .
a. data theft
b. helping people with disabilities

c. overuse of electronic devices d. data theft

4 Unknown persons accessing your accounts on the Internet is called ..... .

a. bullying b. penetration

c. downloading files d. identity theft

5 Before you show your results on charts, you should ..... .

a. share them online with others b. analyze them

c. remove them d. steal them

6 If your friend sends you a file and you want to save it on your device, you should ..... .

a. download it b. block the person

c. scan it d. steal the data

7 The ..... is responsible for processing data.

a. printer b. screen c. CPU d. data theft

8 The ..... is a device that is responsible for entering the data into the computer.

a. keyboard b. CPU c. printer d. data theft

11 محافظة الإسكندرية – إدارة المنتزه ثانٍ التعليمية نموذج (١) 2025

1 Put (✓) or (✗):

1 Input devices in computers work on processing data. ( )

2 The magnetometer is used to determine places via satellites. ( )

3 The screen magnification software helps people with visual difficulties. ( )

4 You can collect data from many different sources. ( )

5 One of the dangers of the Internet is that others can use your personal data. ( )

6 It is necessary to include letters, numbers, and special symbols in your passwords. ( )

7 The quotation marks " " are used to summarize the search results that you want. ( )

2 Choose the correct answer:

1 One of the devices that the Word processing software needs to write on your computer is the ..... .

a. keyboard
b. printer
c. speakers
d. data theft

2 If someone sends you a friend request on a social networking site, you should ..... .

a. close the device
b. delete the friend request
c. check his identity
d. steal his data

3 When there's a problem opening one of the apps on your computer, you might need to ..... .

a. restart your device
b. replace the mouse
c. replace the keyboard
d. steal the data

4 The advantages of ICT tools include ..... .

a. bullying your friends
b. helping people of determination
c. the excess usage of electronic devices
d. data theft

5 The ..... program protects your devices from risks that may harm it.

a. Word
b. PowerPoint
c. antivirus
d. data theft

6 Information is considered the processing product of ..... .

a. data
b. digital blogs
c. emails
d. data theft

7 If your friend sends you a file and you want to save it on your device, you should ..... .

a. download it
b. block the person
c. scan it
d. steal the data

8 It is necessary that your password contain letters, ...

a. numbers, and special symbols
b. your name, and address
c. your family name, and address
d. data

12 محافظة الإسكندرية - إدارة المنتزه ثان التعليمية نموذج (2) 2025

1 Put (✓) or (✗):

1. Data entry is the last stage of access to final information. ( )
2. The GPS is used to find places you might need to visit. ( )
3. Braille transforms letters into prominent symbols and can be read by touching them. ( )
4. You can download files on your device without an Internet service. ( )
5. Internet helps us in find the information we want. ( )
6. The more difficult the password for your account is, the greater the risk that you will be hacked by others. ( )
7. Surveys and experiments are one of the most important sources of data collection. ( )

2 Choose the correct answer:

1 ..... enables you to take the audio clips out of the computer.

a. The mouse
b. The speaker
c. The screen zoom software
d. The data

2 The ..... program can be used to write your CV (resume).

a. screen magnification
b. Word
c. speech synthesizer
d. data theft

3 If you want to find a file in your PC, you should ..... .

a. restart the device
b. press on Del + Alt + Ctrl
c. use the search box
d. steal the data

4 You shouldn't communicate with ..... on social media sites.

a. your school friend
b. a friend of yours
c. an unknown person who wants to share your information
d. data

5 Messages calling for unreal advertisements on your email are ..... .

a. downloaded files
b. spam
c. personal data
d. data theft

6 Information is considered the processing product of ..... .

a. data
b. digital blogs
c. emails
d. data theft

7 One of the strongest passwords is ..... .

a. Mustafa
b. Ahmed@3#
c. 12345678
d. Omar

8 It is preferable to ..... after repairing or reinstalling the mouse to the device.

a. connect the power charger to the device
b. check electrical connections
c. restart the device
d. steal the data

13 محافظة الغربية – إدارة طنطا التعليمية 2025

1 Choose the correct answer:

1 The ..... can discover objects buried underground.

a. GPS
b. GPR
c. GPA
d. data theft

2 The + sign before a word tells the search engine to ..... the word in the search results.

a. avoid
b. include
c. ignore
d. data

3 The ..... is used to output audios from the computer.

a. printer
b. microphone
c. speaker
d. data theft

4 Windows is a type of a/an ..... .

a. hardware
b. operating systems
c. keyboard
d. data theft

5 ..... enable people to move if they have amputated legs.

a. Prosthetic legs
b. Hearing aids
c. Both a and b
d. Stealing data

2 Put (✓) or (✗):

1. You can use MS PowerPoint to write school reports and homework. ( )
2. The best way to collect information is getting it from books. ( )
3. Strong passwords should include letters, numbers, and special characters. ( )
4. The search engine is used for accessing information on the Internet. ( )
5. When you block someone, they can't see your posts. ( )

3 Complete the following sentences using the words between brackets:

(antivirus - WordArt - personal data - Bullying - hacking)

1. Your name and address are considered ..... .
2. Using easy passwords could expose you to ..... .
3. ..... is a repeated, unkind behavior towards someone.
4. ..... in PowerPoint makes texts look interesting.
5. Always use ..... software to protect your devices.

14 محافظة البحيرة - إدارة دمنهور التعليمية 2025

1 Put (✓) or (✗):

1. The magnetometer device is used to detect coins underground. ( )
2. One of the negative effects of using ICT tools is the easy access to information. ( )
3. Braille terminal allows blind people to use the computer. ( )
4. To solve the problem of the malfunction mouse, press the buttons Ctrl, Alt, and Del. ( )
5. The Global Positioning System (GPS) relies on satellites to determine places and locations. ( )
6. The password (ABC123) is considered a strong password. ( )
7. Assistive technology enables people of determination to explore places around the world. ( )
8. It is not necessary to know the identity of the person you are having a conversation with over the Internet. ( )
9. People can use instant message and emails to communicate. ( )
10. It is not important to verify the sources of information when publishing it on social media. ( )

2 Choose the correct answer:

1. The ..... is used to input text into the computer.

   a. speakers b. microphone

   c. keyboard d. printer

2. The ..... program is used to write and format text.

   a. Windows b. Word c. Google d. Paint

3. The Power point program enables you to make ..... .

   a. presentations b. games c. chats d. emails

4 The ..... app is one of the useful digital tools for creating graphs.

a. Google
b. Excel
c. Word
d. PowerPoint

5 ..... are trusted sources for collecting data.

a. Books and articles
b. Social media sites
c. Hackers
d. Unknown emails

3 Complete the following sentences using the words below:

(Bullying - drones - Antivirus - Browsers - data - Mouse - keywords)

1 Photographs can be taken using ..... .

2 The Central Processing Unit (CPU) processes ..... .

3 ..... designed for children display content appropriate for their age.

4 It is better to write accurate ..... to get better search results.

5 ..... software is used to protect your files on the computer from damage.

محافظة المنوفية - إدارة شبين الكوم التعليمية 2025 / 15

1 Put (✓) or (✗):

1 The speech synthesize is the component responsible for outputting visual information. ( )

2 Assistive technology enables people of determination to explore the world safely. ( )

3 Surveys are considered the most common sources for collecting data. ( )

4 Your personal information should be public for all users to see and save. ( )

5 One of the positive effects of information and communication technology is downloading videos on your computer. ( )

6 Viruses are useful software for your computer. ( )

7 Identity theft is a repeated, unkind behavior towards someone. ( )

8 You can use instant messaging to communicate with your friends. ( )

9 To solve the problem of a mouse not working, a new keyboard is bought. ( )

10 When searching for specific sentences, you can use the $ sign. ( )

2 Choose the correct answer:

1 The ..... can discover objects buried underground.

a. GPR **b.** GPS **c.** satellite **d.** magnetometer

2 The operating system sends data to the ..... to process the data.

a. keyboard **b.** CPU **c.** printer **d.** speaker

3 One of the suggested solutions for not being able to write using a keyboard problem is ..... .

a. making sure the printer is connected

b. connecting the headphones

c. changing the mouse

d. making sure the keyboard cable is connected

4 A negative consequence of using ICT tools is .....

a. getting eye strain **b.** headaches

c. both a and b **d.** sharing data

5 You can show the results of your researches in slides using ..... .

a. PowerPoint **b.** Paint **c.** Excel **d.** all of them

6 ..... is when someone repeatedly behaves badly towards another person.

a. Brainstorming **b.** Bullying **c.** Cooperation **d.** Tagging

7 The ..... sign is used while searching on the Internet. You put it before the words that you want to avoid (exclude) in the search results.

a. (-) **b.** (+) **c.** (#) **d.** (*)

8 The first stage to deal with data is to ..... it.

a. collect **b.** show **c.** analyze **d.** save

9 The ..... is one of the input units.

a. speaker **b.** keyboard

c. printer **d.** screen

10 ..... helps people of determination with speech and language disabilities communicate with others.

a. Screen magnification **b.** Alternate communication

c. Heading aid **d.** The mouse

1 Put (✓) or (✗):

1 The Paint program is one of the useful ICT tools for analyzing and graphing data. ( )

2 Spam is an electronic message from an unknown email that contains an advertisement. ( )

3 Bullying is when someone repeatedly behaves badly towards another person. ( )

4 The PowerPoint app does not allow you to add videos to the slides. ( )

5 Assistive technology enables people of determination to do their work. ( )

2 Choose the correct answer:

1 The ..... is used to output sounds from the computer.

a. speaker **b.** keyboard **c.** printer **d.** mouse

2 You can protect your personal accounts on the Internet by creating .....

a. dates of birth b. strong passwords
c. personal information d. data theft

3 ..... is the property that is used to mention one of your friends on social media sites.

a. Liking b. Sending c. Tagging d. Blocking

4 The Global Positioning System (GPS) relies on ..... to determine places and locations.

a. radars b. satellites c. drones d. data theft

5 You can solve the problem of the screen stopping by pressing and holding the keys ..... .

a. Alt + Ctrl + Del b. F10 + Del c. Alt + Shift d. Shift + Enter

3 Complete the following sentences using the words below:

(ask your parents – Braille terminal – data – Word – 756Qd@vtm# – +)

1 The ..... program is used to write and format texts and insert images.

2 When an unknown person sends you a warning message via the Internet, you should ..... .

3 ..... allows blind people to use the computer.

4 The password ..... is considered a strong password.

5 The Central Processing Unit (CPU) processes ..... .

17 محافظة سوهاج - إدارة سوهاج التعليمية نموذج (2) 2025

1 Put (✓) or (✗):

1 The Excel program is one the useful ICT tools for analyzing and graphing data. ( )

2 Spam is an electronic message from an unknown email that contains an advertisement. ( )

3 Bullying is when a member of your family helps you. ( )

4 The magnetometer is an app that allows you to add videos to your slides. ( )

5 Assistive technology enables people of determination to do their work. ( )

2 Choose the correct answer:

1 ..... can damage your computer.

a. Phones b. Viruses c. Pens d. Data

2 The ..... is/are used to output sounds from the computer.

a. speakers b. keyboard c. printer d. data theft

3 ..... is an operating system.

a. A keyboard b. A virus c. Windows d. Data theft

4 To discover the objects buried underground, we use .....

a. Satellites b. (GPR) Ground Penetration Radars

c. Drones d. data

5 You can solve the problem of the screen stopping by pressing the keys ..... .

a. Alt + Ctrl + Del b. F10 + Del c. Alt + Shift d. Shift + Enter

3 Complete the following sentences using the words below:

(ask your parents - Braille terminal - Word - 756Qd@vtm# - CPU - +)

1 The ..... program is used to write and format texts and insert images.

2 When an unknown person sends you a warning message via the Internet, you must ..... .

3 ..... allows blind people to use the computer.

4 The password ..... is considered a strong password.

5 The ..... processes data.

18 محافظة الإسماعيلية 2025

1 Choose the correct answer:

1 ..... is used to create graphs.

a. MS Excel b. MS Word

c. MS PowerPoint d. Paint

2 If someone makes you feel unsafe, ... that person.

a. tag b. contact c. block d. add

3 Spending a lot of time on technology makes you feel .....

a. active b. lazy c. happy d. healthy

4 The keyboard is used to insert ..... .

a. videos b. images c. sounds d. letters & number

5 ..... is a repeated, unkind behavior towards someone.

a. Identity theft b. Bullying c. Cooperation d. Hacking

6 Archaeologists depend on ..... to search for metals underground.

a. drones b. satellites c. magnetometers d. GPS

7 Your personal information include your ..... .

a. name b. password c. phone number d. all of them

8 ..... sites may publish inaccurate, immoral, and harmful material.

a. Banned b. Scientific c. Trusted d. Educational

2 Put (✓) or (✗):

1 The password "123abc" is considered a strong password. ( )
2 Antivirus is the software used to protect your device from viruses. ( )
3 When you block someone, they can see your posts. ( )
4 Collecting data is the first step to solve problems. ( )
5 A common graph is a bar graph. ( )
6 The CPU is used to process data. ( )
7 Hearing aids help people with poor vision. ( )

19 محافظة بورسعيد 2025

1 Choose the correct answer:

1 ..... is a feature used to tag one of your friends on social media sites.

a. Tagging b. Sending c. Sharing d. Liking

2 ..... is a repeated, unkind behavior from someone towards another.

a. Brain storming b. Bullying
c. Cooperation d. Sharing experiments

3 The ..... program is one of the operating system programs.

a. Google b. Windows
c. PowerPoint d. Word

4 The ..... is used to input texts and images from paper into the computer.

a. mouse b. microphone
c. scanner d. printer

5 Use the ..... program to prepare an interesting and attractive presentation.

a. Word b. PowerPoint
c. Excel d. Paint

2 Put (✓) or (✗):

1. You can ask your teacher for help in solving the problems you face online. ( )
2. Viruses are considered useful software for the computer. ( )
3. To solve the problem of the mouse not working, buy a new keyboard. ( )
4. It is necessary to use ICT tools in an ethical way. ( )
5. You can publish information about your friends on social media without their permission. ( )

3 Complete the following sentences using the words below:

(Hearing aids – (-) – strong passwords – posters – screen)

1. ..... help people who have trouble hearing
2. You can protect your personal accounts by creating ..... .
3. The ..... is used to display data, images, and videos.
4. The PowerPoint program enables you to make ..... .
5. The symbol ..... is used while searching on the Internet before words you don't want to include in the search results.

20 محافظة الغردقة 2025

1 Put (✓) or (✗):

1 Hearing aids help people with poor vision (the visually impaired). ( )

2 To solve the problem of the mouse not working, a new keyboard is bought. ( )

3 You must be sure that the collected information about a phenom or a problem is trusted. ( )

4 Text messages and emails are used in forums to communicate with friends. ( )

5 Overuse of technology devices may cause eye strain and headaches. ( )

6 By using images, you can search for information instead of words. ( )

7 Viruses are useful software for your computer. ( )

8 PowerPoint doesn't allow adding effects to the images in the slides. ( )

2 Choose the correct answer:

1 The ..... is a device used to detect the metal coins buried underground.

a. satellite
b. Global Positioning System (GPS)
c. drone
d. magnetometer

2 ..... is a device that allows blind people to use the computer

a. Braille terminal
b. The mouse
c. The keyboard
d. The printer

3 The central processing unit (CPU) processes the ..... .

a. keyboard
b. data
c. screen
d. mouse

4 You can solve the problem of the screen stopping displaying information by pressing ..... together.

a. Alt + Ctrl + Del
b. Alt + Shift
c. Alt + F8
d. F10 + Del

5 ..... is the property used to mention one of your friends on social media sites.

a. Tagging
b. Sending
c. Sharing
d. Liking

6 ..... is when someone uses your personal information and social media accounts without your permission.

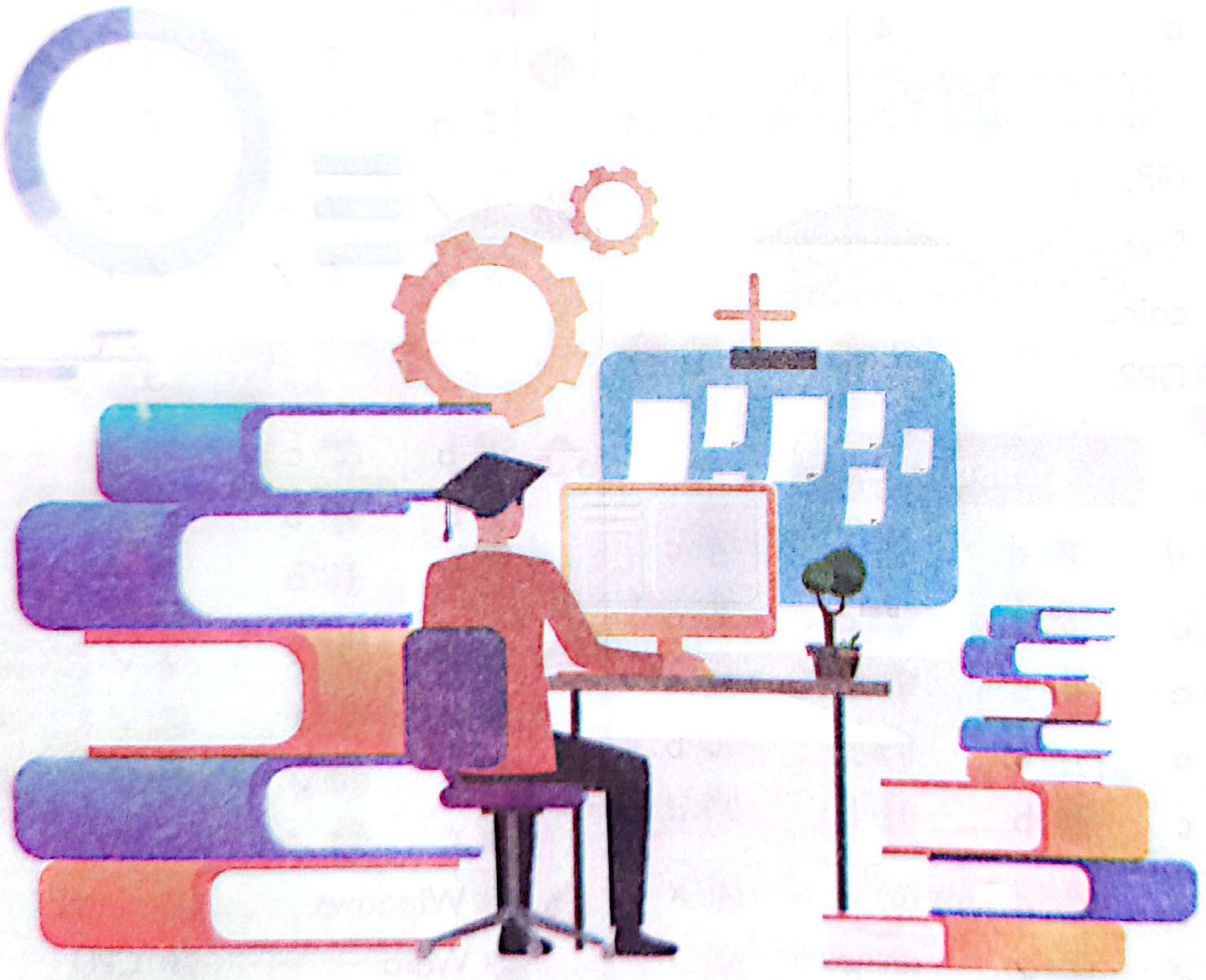
a. Identity theft
b. Experiments exchange
c. Collaboration
d. Critical thinking

7 ..... enables someone to access your computer through the Internet.

a. Curiosity
b. Piracy/Hacking
c. Sharing
d. Bullying

CamScanner

Model Answers



Model Answers

Unit 1

Lesson 1

1
1 d 2 c 3 a 4 d
5 b 6 b 7 b 8 b
9 c 10 b 11 d 12 d
13 b

2
1 ✗ 2 ✗ 3 ✗ 4 ✗
5 ✓ 6 ✓ 7 ✗ 8 ✓
9 ✗ 10 ✗ 11 ✗ 12 ✓
13 ✓ 14 ✓ 15 ✗ 16 ✓
17 ✓

3
1 b 2 c
3 d 4 a

Play with Pony

1 GPS
2 Rover C4
3 coins
4 GPR

Lesson 2

1
1 d 2 d 3 b 4 c
5 a 6 a 7 c 8 c
9 a 10 b 11 b 12 a
13 a 14 a 15 d 16 b
17 c 18 b 19 b 20 d

2
1 ✓ 2 ✗ 3 ✓ 4 ✗
5 ✓ 6 ✓ 7 ✗ 8 ✓
9 ✓ 10 ✓ 11 ✗ 12 ✓
13 ✗

3
1 Braille terminal 2 microphone
3 keyboard 4 screen
5 Speakers

4
1 Printer 2 Microphone
3 Keyboard

5
1 • Input Devices: Touch screen – Camera – Keyboard
• Output Devices: Speech synthesizer – Speakers – Printer – Touch screen

Play with Pony

Answer by yourself.

Test yourself Lessons 1&2

1
1 c 2 a 3 c 4 c
5 a 6 a 7 a

2
1 ✓ 2 ✗ 3 ✓ 4 ✓
5 ✓ 6 ✓ 7 ✗ 8 ✗

Lesson 3

1
1 b 2 c 3 d 4 c
5 b 6 b 7 b 8 b
9 b 10 b

2
1 ✗ 2 ✗ 3 ✓ 4 ✓
5 ✓ 6 ✗ 7 ✓ 8 ✗
9 ✗ 10 ✓ 11 ✓ 12 ✗
13 ✗ 14 ✓

3
1 Windows 2 data
3 Word 4 CPU

4
Input Device → (Data) → CPU
Information → Output Device

Play with Pony

Answer by yourself.

Lesson 4

1 1 c 2 b 3 a 4 c
5 b 6 a 7 c 8 a
9 a 10 b 11 c 12 a

2 1 ✓ 2 ✓ 3 ✓ 4 ✓
5 ✓ 6 ✗ 7 ✗ 8 ✓
9 ✓ 10 ✗ 11 ✗

3 1 d 2 a 3 c 4 b

Play with Pony

p	a	r	a	c	l	i	m	b	i	n	g	g	h
e	u	w	s	f	a	l	t	e	r	n	a	t	e
n	n	y	s	g	a	j	f	w	v	r	t	o	a
l	n	u	i	o	r	t	y	b	k	a	q	v	r
a	i	q	s	w	i	v	z	o	g	i	j	k	i
r	n	r	t	t	n	x	c	f	o	l	w	z	n
g	g	j	i	g	g	u	y	t	q	l	b	r	g
e	b	y	v	b	a	w	z	j	k	e	v	x	a
m	l	z	e	k	i	q	r	y	f	u	t	o	i
e	d	u	t	r	d	k	z	x	g	y	j	q	d
n	e	c	j	f	s	o	t	b	q	n	k	z	s
t	s	k	x	g	u	y	f	j	r	q	t	v	b

Test yourself Lessons 3&4

1 1 d 2 b 3 c 4 b
5 a 6 c 7 a

2 1 ✓ 2 ✗ 3 ✗ 4 ✗
5 ✗ 6 ✓ 7 ✗ 8 ✓

Lesson 5

1 1 d 2 c 3 d 4 d
5 b 6 b 7 d 8 a
9 b 10 a 11 c 12 a
13 a 14 c 15 c

2 1 ✓ 2 ✗ 3 ✗ 4 ✓
5 ✓ 6 ✗ 7 ✓ 8 ✗
9 ✓ 10 ✓ 11 ✓

3 1 screen freezes
2 app won't open
3 find a file
4 pointer doesn't work

Play with Pony

Answer by yourself.

October Exam

1 1 c 2 c 3 a 4 a
5 b 6 b 7 a

2 1 ✓ 2 ✓ 3 ✗ 4 ✓
5 ✓ 6 ✓ 7 ✗ 8 ✗

Lesson 6

1 1 b 2 b 3 c 4 b
5 b 6 a 7 b 8 c
9 a 10 b 11 d 12 a
13 a 14 c

2 1 ✓ 2 ✓ 3 ✓ 4 ✗
5 ✗ 6 ✓ 7 ✓ 8 ✓
9 ✗ 10 ✓ 11 ✓

3 1 Excel
2 data collection
3 Analyzing
4 trends 5 bar

Play with Pony

1 Collecting 2 Analyzing
3 Graphing

Test yourself Lessons 5&6

1. 1 b 2 b 3 b 4 c
   5 c 6 d 7 d
2. 1 ✗ 2 ✗ 3 ✓ 4 ✗
   5 ✓ 6 ✗ 7 ✓ 8 ✗

Play with Pony

Answer by yourself.

Model Exam 1

1. 1 b 2 a 3 b 4 a
   5 c
2. 1 ✗ 2 ✗ 3 ✓ 4 ✗
   5 ✗
3. 1 c 2 b 3 d 4 a
   5 e

Model Exam 2

1. 1 a 2 c 3 d 4 a
   5 a
2. 1 ✓ 2 ✓ 3 ✓ 4 ✗
   5 ✗
3. 1 data collection
   2 Analyzing Data 3 Mouse
   4 Excel 5 Alternate

Model Exam 3

1. 1 d 2 c 3 c 4 a
   5 b
2. 1 ✓ 2 ✓ 3 ✗ 4 ✗
   5 ✗
3. 1 Rover C4 2 GPS
   3 Braille 4 printer
   5 Assistive technology

Model Exam 4

1. 1 a 2 d 3 b 4 b
   5 a
2. 1 ✓ 2 ✗ 3 ✓ 4 ✓
   5 ✓
3. 1 d 2 c 3 a 4 b
   5 e

Model Exam 5

1. 1 a 2 c 3 d 4 c
   5 a
2. 1 ✓ 2 ✗ 3 ✓ 4 ✗
   5 ✓
3. 1 Assistive technology
   2 magnetometer 3 Hearing aids
   4 surveys 5 data

CamScanner

Unit 2

Lesson 1

1

1 d	2 b	3 d	4 a
5 c	6 d	7 a	8 c
9 d	10 a	11 b	12 a
13 c	14 b	15 b	16 b
17 a	18 b	19 d	

2

1 ✓	2 ✓	3 ✓	4 ✓
5 ✗	6 ✗	7 ✓	8 ✗
9 ✓	10 ✓	11 ✓	12 ✗
13 ✓	14 ✓	15 ✗	16 ✓
17 ✗	18 ✗	19 ✗	20 ✗

3

1 c 2 a 3 b

4

1 download 2 block
3 personal data
4 instant messages

Play with Pony

Personal information

Lesson 2

1

1 c	2 b	3 b	4 c
5 b	6 b	7 b	8 c
9 b	10 c	11 a	12 c
13 c	14 b	15 a	16 d
17 c	18 d		

2

1 ✓	2 ✓	3 ✗	4 ✗
5 ✗	6 ✓	7 ✓	8 ✓
9 ✗	10 ✓	11 ✗	12 ✗
13 ✗	14 ✓	15 ✗	16 ✗
17 ✓	18 ✓	19 ✗	

3

- Positive: 2, 5, and 6
- Negative: 1, 3, and 4

Play with Pony

Answer by yourself.

Test yourself Lessons 1&2

1

1 c	2 d	3 a	4 a
5 d	6 b	7 c	

2

1 ✓	2 ✓	3 ✓	4 ✓
5 ✗	6 ✓	7 ✓	8 ✓

Lesson 3

1

1 c	2 d	3 c	4 b
5 b	6 a	7 c	8 c
9 d	10 c	11 b	12 c
13 a	14 a	15 c	16 d

2

1 ✓	2 ✓	3 ✓	4 ✗
5 ✗	6 ✓	7 ✓	8 ✗
9 ✗	10 ✓	11 ✓	12 ✗
13 ✗			

3

1 b 2 d 3 a 4 c

Play with Pony

1 ✓	2 ✓	3 ✗	4 ✓
5 ✗	6 ✓		

Lesson 4

1

1 c	2 d	3 b	4 c
5 a	6 d	7 c	8 b
9 c	10 a	11 b	12 d

2

1 ✗	2 ✗	3 ✓	4 ✓
5 ✓	6 ✓	7 ✓	8 ✗

Model Answers

9 ✓ 10 ✓ 11 ✗ 12 ✓

Play with Pony

Identity theft

Test yourself Lessons 3&4

1
1 c 2 b 3 c 4 d
5 c 6 c 7 c

2
1 ✗ 2 ✓ 3 ✓ 4 ✓
5 ✗ 6 ✓ 7 ✓ 8 ✗

November Exam

1
1 c 2 d 3 d 4 c
5 b 6 a 7 a

2
1 ✓ 2 ✓ 3 ✓ 4 ✗
5 ✓ 6 ✓ 7 ✗ 8 ✓

Lesson 5

1
1 c 2 b 3 b 4 c
5 d 6 a 7 b 8 b
9 c 10 b 11 d 12 a
13 a 14 d 15 d 16 b

2
1 ✗ 2 ✓ 3 ✗ 4 ✓
5 ✓ 6 ✗ 7 ✓ 8 ✓
9 ✓ 10 ✗ 11 ✓ 12 ✗

3
1 The password contains personal information and has no special characters.
2 The password contains seven characters.
3 The password doesn't contain numbers or special characters.
4 The password doesn't contain letters.

4
1 Unsafe password
2 Unsafe password
3 Unsafe password
4 Safe password

- To make your password more secure, it should not contain personal information, and it should include at least eight characters with a combination of letters, numbers, and special characters.

Play with Pony

Virus: 1, 4, and 6 Anti-virus: 2, 3, and 5

Lesson 6

1
1 d 2 b 3 b 4 c
5 d 6 c 7 d

2
1 ✓ 2 ✗ 3 ✗ 4 ✓
5 ✗ 6 ✓ 7 ✗ 8 ✓
9 ✗ 10 ✓ 11 ✓ 12 ✗
13 ✓

Play with Pony

Answer by yourself.

Test yourself Lessons 5&6

1
1 d 2 b 3 a 4 d
5 c 6 c 7 c

2
1 ✗ 2 ✓ 3 ✗ 4 ✓
5 ✓ 6 ✗ 7 ✓ 8 ✗

Play with Pony

Answer by yourself.

Model Exam 1

1. 1 d 2 d 3 c 4 b
   5 c
2. 1 ✓ 2 ✗ 3 ✗ 4 ✓
   5 ✓
3. 1 e 2 a 3 c 4 d
   5 b

Model Exam 2

1. 1 c 2 d 3 a 4 c
   5 a
2. 1 ✗ 2 ✗ 3 ✗ 4 ✓
   5 ✗
3. 1 d 2 a 3 e 4 c
   5 b

Model Exam 3

1. 1 a 2 a 3 a 4 d
   5 a
2. 1 ✓ 2 ✓ 3 ✓ 4 ✓
   5 ✗
3. 1 Antivirus
   2 kids search
   3 download
   4 eye strain
   5 strong passwords

Model Exam 4

1. 1 b 2 a 3 b 4 a
   5 b
2. 1 ✗ 2 ✓ 3 ✗ 4 ✗
   5 ✓
3. 1 e 2 d 3 c 4 a
   5 b

Model Exam 5

1. 1 d 2 b 3 a 4 c
   5 d
2. 1 ✓ 2 ✓ 3 ✓ 4 ✗
   5 ✓
3. 1 <<+>> sign
   2 hacking
   3 Browsers
   4 crediting sources
   5 Bullying

Final Exams Answers

1 محافظة الجيزة - إدارة حدائق أكتوبر التعليمية 2025

1

1 ✗	2 ✗	3 ✓	4 ✓
5 ✓	6 ✗	7 ✓	8 ✗
9 ✓	10 ✗	11 ✗	12 ✓

2

1 b	2 d	3 c	4 b
5 b	6 c	7 a	8 c
9 d	10 b	11 b	12 a

2 محافظة الجيزة - إدارة العمرانية التعليمية 2025

1

1 ✓	2 ✗	3 ✗	4 ✓
5 ✗	6 ✗	7 ✓	8 ✓
9 ✓	10 ✓		

2

1 c	2 d	3 b	4 a
5 d	6 a	7 a	8 b
9 c	10 c		

3 محافظة القليوبية 2025

1

1 ✓	2 ✗	3 ✗	4 ✓
5 ✓	6 ✗	7 ✗	8 ✓

2

1 a	2 a	3 c	4 b
5 c	6 b	7 a	

4 محافظة الاسكندريه - اداره وسط التعليميه 2025

1

1 ✗	2 ✓	3 ✓	4 ✗
5 ✓	6 ✓	7 ✓	8 ✗
9 ✗	10 ✓		

2

1 c	2 d	3 a
4 d	5 b	

3

1 Hearing aids		2 Windows	
3 drone		4 Excel	
5 Braille terminal			

5 محافظة الإسكندرية - إدارة شرق التعليمية 2025

2

1 b	2 a	3 d	4 d
5 a	6 b	7 b	8 a
9 c	10 b		

2

1 ✓	2 ✓	3 ✗	4 ✓
5 ✓	6 ✓	7 ✓	8 ✗
9 ✓	10 ✗		

6 محافظة الإسكندرية - إدارة العجمي التعليمية 2025

1

1 ✗	2 ✓	3 ✓	4 ✓
5 ✗	6 ✗	7 ✗	

2

1 c	2 b	3 d	4 c
5 b	6 a	7 b	8 d

7 محافظة الاسكندرية - اداره المبيره اول التعليمية نموذج(1) 2025

1

1 ✗	2 ✓	3 ✗	4 ✓
5 ✓	6 ✓	7 ✗	8 ✗
9 ✓	10 ✓	11 ✗	12 ✓

2

1 c	2 b	3 d	4 d
5 a	6 b	7 d	8 c
9 a	10 d	11 c	12 a

8 محافظة الاسكندرية - اداره المبيره اول التعليمية نموذج(2) 2025

1

1 ✗	2 ✗	3 ✓	4 ✗
5 ✗	6 ✗	7 ✓	8 ✗
9 ✗	10 ✗	11 ✓	12 ✗

2

1 c	2 c	3 b	4 a

5 c 6 d 7 b 8 b
9 b 10 c 11 c 12 c

9 محافظة الإسكندرية - إدارة المنتزه أول التعليمية نموذج(3) 2025

1 1 ✓ 2 ✗ 3 ✓ 4 ✓
5 ✗ 6 ✓ 7 ✓ 8 ✗
9 ✓ 10 ✓ 11 ✓ 12 ✓

2 1 a 2 b 3 b 4 a
5 b 6 a 7 c 8 b
9 d 10 c 11 c 12 c

10 محافظة الإسكندرية - إدارة المنتزه ثان التعليمية 2025

1 1 ✓ 2 ✓ 3 ✓ 4 ✗
5 ✓ 6 ✓ 7 ✗

2 1 b 2 c 3 b 4 b
5 b 6 a 7 c 8 a

11 محافظة الإسكندرية - إدارة المنتزه ثان التعليمية نموذج(1) 2025

1 1 ✗ 2 ✗ 3 ✓ 4 ✓
5 ✓ 6 ✓ 7 ✓

2 1 a 2 c 3 a 4 b
5 c 6 a 7 a 8 a

12 محافظة الإسكندرية - إدارة المنتزه ثان التعليمية نموذج(2) 2025

1 1 ✗ 2 ✓ 3 ✓ 4 ✗
5 ✓ 6 ✗ 7 ✓

2 1 b 2 b 3 c 4 c
5 b 6 a 7 b 8 c

13 محافظة الغربية -إدارة طنطا التعليمية 2025

1 1 b 2 b 3 c
4 b 5 a

2 1 ✓ 2 ✓ 3 ✓
4 ✓ 5 ✓

3 1 personal data 2 hacking
3 Bullying 4 WordArt
5 antivirus

14 محافظة البحيرة - إدارة دمنهور التعليمية 2025

1 1 ✓ 2 ✗ 3 ✓ 4 ✗
5 ✓ 6 ✗ 7 ✓ 8 ✗
9 ✓ 10 ✗

2 1 c 2 b 3 a
4 b 5 a

3 1 drones 2 data
3 Browsers 4 keywords
5 Antivirus

15 محافظة المنوفية - إدارة سُبين الكوم التعليمية 2025

1 1 ✗ 2 ✓ 3 ✓ 4 ✗
5 ✓ 6 ✗ 7 ✗ 8 ✓
9 ✗ 10 ✗

2 1 a 2 b 3 d 4 c
5 a 6 b 7 a 8 a
9 b 10 b

16 محافظة سوهاج -إدارة سوهاج التعليمية نموذج (1) 2025

1 1 ✗ 2 ✓ 3 ✓
4 ✗ 5 ✓

2 1 a 2 b 3 c
4 b 5 a

Model Answers

3 1 Word
2 ask your parents
3 Braille terminal
4 756Qd@vtm#
5 data

17 محافظة سوهاج - ادارة سوهاج التعليمية نموذج (2) 2025

1 1 ✓ 2 ✓ 3 ✗ 4 ✗ 5 ✓

2 1 b 2 a 3 c 4 b 5 a

3 1 Word
2 ask your parents
3 Braille terminal
4 756Qd@vtm#
5 CPU

18 محافظة الإسماعيلية 2025

1 1 a 2 c 3 b 4 d 5 b 6 c 7 d 8 a

2 1 ✗ 2 ✓ 3 ✗ 4 ✓ 5 ✓ 6 ✓ 7 ✗

19 محافظة بورسعيد 2025

1 1 a 2 b 3 b 4 c 5 b

2 1 ✓ 2 ✗ 3 ✗ 4 ✓ 5 ✗

3 1 Hearing aids
2 strong passwords
3 screen 4 posters
5 (-)

20 محافظة الغردقة 2025

1 1 ✗ 2 ✗ 3 ✓ 4 ✓ 5 ✓ 6 ✓ 7 ✗ 8 ✗

2 1 d 2 a 3 b 4 a 5 a 6 a 7 b